Jinfang Zhu

List of Publications by Year in Descending Order

115 papers	15,876 citations	56 h-index	126 g-index
126 ext. papers	18,782 ext. citations	15.2 avg, IF	6.96 L-index

#	Paper	IF	Citations
115	IFN suppresses the expression of GFI1 and thereby inhibits Th2 cell proliferation. *PLoS ONE*, **2021**, 16, e0260204	3.7	0
114	Recent advances in understanding the Th1/Th2 effector choice. *Faculty Reviews*, **2021**, 10, 30	1.2	9
113	B cell residency but not T cell-independent IgA switching in the gut requires innate lymphoid cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	2
112	Recent advances in understanding the role of IL-4 signaling. *Faculty Reviews*, **2021**, 10, 71	1.2	2
111	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. *Immunity*, **2020**, 52, 842-855.e6	32.3	64
110	Requirements for the differentiation of innate T-bet memory-phenotype CD4 T lymphocytes under steady state. *Nature Communications*, **2020**, 11, 3366	17.4	5
109	Differential Expression of the Transcription Factor GATA3 Specifies Lineage and Functions of Innate Lymphoid Cells. *Immunity*, **2020**, 52, 83-95.e4	32.3	21
108	CD4 T Helper Cell Subsets and Related Human Immunological Disorders. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	29
107	Molecular switches for regulating the differentiation of inflammatory and IL-10-producing anti-inflammatory T-helper cells. *Cellular and Molecular Life Sciences*, **2020**, 77, 289-303	10.3	28
106	Homeostatic Control of Sebaceous Glands by Innate Lymphoid Cells Regulates Commensal Bacteria Equilibrium. *Cell*, **2019**, 176, 982-997.e16	56.2	94
105	BRD4 directs hematopoietic stem cell development and modulates macrophage inflammatory responses. *EMBO Journal*, **2019**, 38,	13	56
104	Cutting Edge: Core Binding Factor s Required for Group 2 Innate Lymphoid Cell Activation. *Journal of Immunology*, **2019**, 202, 1669-1673	5.3	6
103	Enhanced Cell Division Is Required for the Generation of Memory CD4 T Cells to Migrate Into Their Proper Location. *Frontiers in Immunology*, **2019**, 10, 3113	8.4	2
102	Orchestration between ILC2s and Th2 cells in shaping type 2 immune responses. *Cellular and Molecular Immunology*, **2019**, 16, 225-235	15.4	63
101	Lymphoid tissue inducer-A divergent member of the ILC family. *Cytokine and Growth Factor Reviews* , **2018**, 42, 5-12	17.9	26
100	Transformation of Accessible Chromatin and 3D Nucleome Underlies Lineage Commitment of Early T Cells. *Immunity*, **2018**, 48, 227-242.e8	32.3	88
99	Foreign antigen-independent memory-phenotype CD4 T cells: a new player in innate immunity?. *Nature Reviews Immunology*, **2018**, 18, 1	36.5	8

98	Bcl11b, a novel GATA3-interacting protein, suppresses Th1 while limiting Th2 cell differentiation. *Journal of Experimental Medicine*, **2018**, 215, 1449-1462	16.6	26
97	S1P-dependent interorgan trafficking of group 2 innate lymphoid cells supports host defense. *Science*, **2018**, 359, 114-119	33.3	257
96	T Helper Cell Differentiation, Heterogeneity, and Plasticity. *Cold Spring Harbor Perspectives in Biology*, **2018**, 10,	10.2	82
95	PD-1 Inhibitory Receptor Downregulates Asparaginyl Endopeptidase and Maintains Foxp3 Transcription Factor Stability in Induced Regulatory T Cells. *Immunity*, **2018**, 49, 247-263.e7	32.3	64
94	Seventeen-Year Journey Working With a Master. *Frontiers in Immunology*, **2018**, 9, 960	8.4	1
93	Transient T-bet expression functionally specifies a distinct T follicular helper subset. *Journal of Experimental Medicine*, **2018**, 215, 2705-2714	16.6	43
92	Mysterious ILC2 tissue adaptation. *Nature Immunology*, **2018**, 19, 1042-1044	19.1	9
91	The transcription factor Bhlhe40 is a switch of inflammatory versus antiinflammatory Th1 cell fate determination. *Journal of Experimental Medicine*, **2018**, 215, 1813-1821	16.6	62
90	Transcriptional regulators dictate innate lymphoid cell fates. *Protein and Cell*, **2017**, 8, 242-254	7.2	29
89	Cutting Edge: Notch Signaling Promotes the Plasticity of Group-2 Innate Lymphoid Cells. *Journal of Immunology*, **2017**, 198, 1798-1803	5.3	81
88	Small-Molecule RORγ Antagonists: One Stone Kills Two Birds. *Trends in Immunology*, **2017**, 38, 229-231	14.4	11
87	IL-7Rα Expression Regulates Murine Dendritic Cell Sensitivity to Thymic Stromal Lymphopoietin. *Journal of Immunology*, **2017**, 198, 3909-3918	5.3	8
86	Memory-phenotype CD4 T cells spontaneously generated under steady-state conditions exert innate T1-like effector function. *Science Immunology*, **2017**, 2,	28	37
85	Dynamic balance between master transcription factors determines the fates and functions of CD4 T cell and innate lymphoid cell subsets. *Journal of Experimental Medicine*, **2017**, 214, 1861-1876	16.6	106
84	Th1 Differentiation Drives the Accumulation of Intravascular, Non-protective CD4 T Cells during Tuberculosis. *Cell Reports*, **2017**, 18, 3091-3104	10.6	62
83	T-bet-dependent NKp46 innate lymphoid cells regulate the onset of T17-induced neuroinflammation. *Nature Immunology*, **2017**, 18, 1117-1127	19.1	66
82	Histone demethylases UTX and JMJD3 are required for NKT cell development in mice. *Cell and Bioscience*, **2017**, 7, 25	9.8	19
81	GATA3 Regulates the Development and Functions of Innate Lymphoid Cell Subsets at Multiple Stages. *Frontiers in Immunology*, **2017**, 8, 1571	8.4	35

80	Novel Function of Extracellular Matrix Protein 1 in Suppressing Th17 Cell Development in Experimental Autoimmune Encephalomyelitis. *Journal of Immunology*, **2016**, 197, 1054-64	5.3	15
79	Gfi1, a transcriptional repressor, inhibits the induction of the T helper type 1 programme in activated CD4 T cells. *Immunology*, **2016**, 147, 476-87	7.8	14
78	Group 3 innate lymphoid cells continuously require the transcription factor GATA-3 after commitment. *Nature Immunology*, **2016**, 17, 169-78	19.1	79
77	B Cells Negatively Regulate the Establishment of CD49b(+)T-bet(+) Resting Memory T Helper Cells in the Bone Marrow. *Frontiers in Immunology*, **2016**, 7, 26	8.4	5
76	The obesity-induced transcriptional regulator TRIP-Br2 mediates visceral fat endoplasmic reticulum stress-induced inflammation. *Nature Communications*, **2016**, 7, 11378	17.4	28
75	Origin and functions of pro-inflammatory cytokine producing Foxp3+ regulatory T cells. *Cytokine*, **2015**, 76, 13-24	4	78
74	Tet2: breaking down barriers to T cell cytokine expression. *Immunity*, **2015**, 42, 593-5	32.3	3
73	Dynamic expression of transcription factors T-bet and GATA-3 by regulatory T cells maintains immunotolerance. *Nature Immunology*, **2015**, 16, 197-206	19.1	171
72	Transcriptional Regulatory Network for the Development of Innate Lymphoid Cells. *Mediators of Inflammation*, **2015**, 2015, 264502	4.3	8
71	Bcl11b drives the birth of ILC2 innate lymphocytes. *Journal of Experimental Medicine*, **2015**, 212, 828	16.6	11
70	T helper 2 (Th2) cell differentiation, type 2 innate lymphoid cell (ILC2) development and regulation of interleukin-4 (IL-4) and IL-13 production. *Cytokine*, **2015**, 75, 14-24	4	209
69	Individual T helper cells have a quantitative cytokine memory. *Immunity*, **2015**, 42, 108-22	32.3	31
68	Immunologic applications of conditional gene modification technology in the mouse. *Current Protocols in Immunology*, **2014**, 105, 10.34.1-10.34.13	4	20
67	The transcription factor GATA3 is critical for the development of all IL-7R□expressing innate lymphoid cells. *Immunity*, **2014**, 40, 378-88	32.3	256
66	Transcriptional regulatory networks for CD4 T cell differentiation. *Current Topics in Microbiology and Immunology*, **2014**, 381, 125-72	3.3	41
65	TCR signaling fuels T(reg) cell suppressor function. *Nature Immunology*, **2014**, 15, 1002-3	19.1	13
64	miR-155 activates cytokine gene expression in Th17 cells by regulating the DNA-binding protein Jarid2 to relieve polycomb-mediated repression. *Immunity*, **2014**, 40, 865-79	32.3	144
63	The transcription factor IRF8 activates integrin-mediated TGF-□signaling and promotes neuroinflammation. *Immunity*, **2014**, 40, 187-98	32.3	88

62	Tissue-resident natural killer (NK) cells are cell lineages distinct from thymic and conventional splenic NK cells. *ELife*, **2014**, 3, e01659	8.9	361
61	Author response: Tissue-resident natural killer (NK) cells are cell lineages distinct from thymic and conventional splenic NK cells **2014**,		7
60	Expression and regulation of intergenic long noncoding RNAs during T cell development and differentiation. *Nature Immunology*, **2013**, 14, 1190-8	19.1	315
59	TGF- cytokine signaling promotes CD8+ T cell development and low-affinity CD4+ T cell homeostasis by regulation of interleukin-7 receptor expression. *Immunity*, **2013**, 39, 335-46	32.3	32
58	Growth factor independence 1 antagonizes a p53-induced DNA damage response pathway in lymphoblastic leukemia. *Cancer Cell*, **2013**, 23, 200-14	24.3	55
57	Thpok-independent repression of Runx3 by Gata3 during CD4+ T-cell differentiation in the thymus. *European Journal of Immunology*, **2013**, 43, 918-28	6.1	21
56	Steady-state production of IL-4 modulates immunity in mouse strains and is determined by lineage diversity of iNKT cells. *Nature Immunology*, **2013**, 14, 1146-54	19.1	387
55	Critical role of p38 and GATA3 in natural helper cell function. *Journal of Immunology*, **2013**, 191, 1818-26	5.3	86
54	Lipid phosphatases identified by screening a mouse phosphatase shRNA library regulate T-cell differentiation and protein kinase B AKT signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E1849-56	11.5	18
53	A molecular roadmap of reprogramming somatic cells into iPS cells. *Cell*, **2012**, 151, 1617-32	56.2	620
52	The transcription factor T-bet is induced by multiple pathways and prevents an endogenous Th2 cell program during Th1 cell responses. *Immunity*, **2012**, 37, 660-73	32.3	204
51	STAT6-dependent regulation of Th9 development. *Journal of Immunology*, **2012**, 188, 968-75	5.3	165
50	MicroRNA126 contributes to granulocyte colony-stimulating factor-induced hematopoietic progenitor cell mobilization by reducing the expression of vascular cell adhesion molecule 1. *Haematologica*, **2012**, 97, 818-26	6.6	52
49	Genome-wide analyses of transcription factor GATA3-mediated gene regulation in distinct T cell types. *Immunity*, **2011**, 35, 299-311	32.3	231
48	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. *Nature Immunology*, **2011**, 12, 247-54	19.1	451
47	The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4+ T cells. *Nature Immunology*, **2011**, 12, 450-9	19.1	145
46	KLF13 sustains thymic memory-like CD8(+) T cells in BALB/c mice by regulating IL-4-generating invariant natural killer T cells. *Journal of Experimental Medicine*, **2011**, 208, 1093-103	16.6	52
45	An updated view on transcription factor GATA3-mediated regulation of Th1 and Th2 cell differentiation. *International Immunology*, **2011**, 23, 415-20	4.9	160

44	GATA3 controls Foxp3+ regulatory T cell fate during inflammation in mice. *Journal of Clinical Investigation*, **2011**, 121, 4503-15	15.9	342
43	Peripheral CD4+ T-cell differentiation regulated by networks of cytokines and transcription factors. *Immunological Reviews*, **2010**, 238, 247-62	11.3	396
42	Heterogeneity and plasticity of T helper cells. *Cell Research*, **2010**, 20, 4-12	24.7	384
41	Transcriptional regulation of Th2 cell differentiation. *Immunology and Cell Biology*, **2010**, 88, 244-9	5	41
40	How are T(H)2-type immune responses initiated and amplified?. *Nature Reviews Immunology*, **2010**, 10, 225-35	36.5	671
39	The transcription factor Gfi1 regulates G-CSF signaling and neutrophil development through the Ras activator RasGRP1. *Blood*, **2010**, 115, 3970-9	2.2	38
38	Evidence that growth factor independence 1b regulates dormancy and peripheral blood mobilization of hematopoietic stem cells. *Blood*, **2010**, 116, 5149-61	2.2	61
37	Differentiation of effector CD4 T cell populations (*). *Annual Review of Immunology*, **2010**, 28, 445-89	34.7	2180
36	The transcription factor GATA3 actively represses RUNX3 protein-regulated production of interferon-gamma. *Immunity*, **2010**, 32, 507-17	32.3	118
35	The sequential activity of Gata3 and Thpok is required for the differentiation of CD1d-restricted CD4+ NKT cells. *European Journal of Immunology*, **2010**, 40, 2385-90	6.1	41
34	CD4+ T cell plasticity-Th2 cells join the crowd. *Immunity*, **2010**, 32, 11-3	32.3	30
33	IL-1 family members and STAT activators induce cytokine production by Th2, Th17, and Th1 cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 13463-8	11.5	300
32	Down-regulation of Gfi-1 expression by TGF-beta is important for differentiation of Th17 and CD103+ inducible regulatory T cells. *Journal of Experimental Medicine*, **2009**, 206, 329-41	16.6	114
31	Requirement for the basic helix-loop-helix transcription factor Dec2 in initial TH2 lineage commitment. *Nature Immunology*, **2009**, 10, 1260-6	19.1	71
30	Global mapping of H3K4me3 and H3K27me3 reveals specificity and plasticity in lineage fate determination of differentiating CD4+ T cells. *Immunity*, **2009**, 30, 155-67	32.3	887
29	Gfi1 integrates progenitor versus granulocytic transcriptional programming. *Blood*, **2009**, 113, 5466-75	2.2	54
28	Distinct functions for the transcription factors GATA-3 and ThPOK during intrathymic differentiation of CD4(+) T cells. *Nature Immunology*, **2008**, 9, 1122-30	19.1	158
27	CD4 T cells: fates, functions, and faults. *Blood*, **2008**, 112, 1557-69	2.2	1090

26	Formation of IL-7Ralphahigh and IL-7Ralphalow CD8 T cells during infection is regulated by the opposing functions of GABPalpha and Gfi-1. *Journal of Immunology*, **2008**, 180, 5309-19	5.3	68
25	Elevating calcium in Th2 cells activates multiple pathways to induce IL-4 transcription and mRNA stabilization. *Journal of Immunology*, **2008**, 181, 3984-93	5.3	27
24	Transcription factor Gfi-1 induced by G-CSF is a negative regulator of CXCR4 in myeloid cells. *Blood*, **2007**, 110, 2276-85	2.2	57
23	Gfi-1 plays an important role in IL-2-mediated Th2 cell expansion. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 18214-9	11.5	81
22	Transcriptional regulation of Th2 differentiation. *Retrovirology*, **2006**, 3, 1	3.6	78
21	GATA-3 promotes Th2 responses through three different mechanisms: induction of Th2 cytokine production, selective growth of Th2 cells and inhibition of Th1 cell-specific factors. *Cell Research*, **2006**, 16, 3-10	24.7	285
20	Independent roles for IL-2 and GATA-3 in stimulating naive CD4+ T cells to generate a Th2-inducing cytokine environment. *Journal of Experimental Medicine*, **2005**, 202, 793-804	16.6	200
19	Interleukin 2 plays a central role in Th2 differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 3880-5	11.5	278
18	Basophils produce IL-4 and accumulate in tissues after infection with a Th2-inducing parasite. *Journal of Experimental Medicine*, **2004**, 200, 507-17	16.6	350
17	Conditional deletion of Gata3 shows its essential function in T(H)1-T(H)2 responses. *Nature Immunology*, **2004**, 5, 1157-65	19.1	469
16	Interleukin-4 elicits apoptosis of developing mast cells via a Stat6-dependent mitochondrial pathway. *Experimental Hematology*, **2004**, 32, 52-9	3.1	26
15	IL-4 selectively enhances FcgammaRIII expression and signaling on mouse mast cells. *Cellular Immunology*, **2003**, 224, 65-73	4.4	19
14	Molecular mechanisms of interleukin-4-induced up-regulation of type I collagen gene expression in murine fibroblasts. *Arthritis and Rheumatism*, **2003**, 48, 2275-84		54
13	Stat5 activation plays a critical role in Th2 differentiation. *Immunity*, **2003**, 19, 739-48	32.3	251
12	In TH2 cells the Il4 gene has a series of accessibility states associated with distinctive probabilities of IL-4 production. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10623-8	11.5	67
11	Growth factor independent-1 induced by IL-4 regulates Th2 cell proliferation. *Immunity*, **2002**, 16, 733-44	32.3	166
10	Disrupting Il13 impairs production of IL-4 specified by the linked allele. *Nature Immunology*, **2001**, 2, 461-6	19.1	17
9	Stat6 is necessary and sufficient for IL-4's role in Th2 differentiation and cell expansion. *Journal of Immunology*, **2001**, 166, 7276-81	5.3	207

8	Critical sites for the interaction between IL-2Rgamma and JAK3 and the following signaling. *Biochemical and Biophysical Research Communications*, **2001**, 283, 598-605	3.4	7
7	A novel protein MAJN binds to Jak3 and inhibits apoptosis induced by IL-2 deprival. *Biochemical and Biophysical Research Communications*, **2000**, 270, 267-71	3.4	6
6	Transient inhibition of interleukin 4 signaling by T cell receptor ligation. *Journal of Experimental Medicine*, **2000**, 192, 1125-34	16.6	51
5	Study on the interaction between Jak3 and IL-2R using the yeast two-hybrid system. *Science Bulletin*, **1999**, 44, 1664-1669		
4	The positive and negative control actions of PTPase on IL-2 signaling. *Science in China Series C: Life Sciences*, **1999**, 42, 614-20		1
3	Cloning of a cDNA encoding a nerve growth factor precursor from the Agkistrodon halys Pallas. *Toxicon*, **1999**, 37, 465-70	2.8	14
2	Jak-STAT pathway is involved in the induction of TNF-beta gene during stimulation by IL-2. *European Journal of Immunology*, **1998**, 28, 805-10	6.1	33
1	Identification of a serine protease with nerve growth promoting activity from snake venom. *NeuroReport*, **1998**, 9, 3577-81	1.7	3