Hai-Hui Xue

List of Publications by Year
in descending order

86 papers	6,732 citations	76326 40 h-index	69250 77 g-index
96 all docs	96 docs citations	96 times ranked	10012 citing authors

#	Article	IF	Citations
1	Defining CD8+ T cells that provide the proliferative burst after PD-1 therapy. Nature, 2016, 537, 417-421.	27.8	1,371
2	Differentiation and Persistence of Memory CD8+ T Cells Depend on T Cell Factor 1. Immunity, 2010, 33, 229-240.	14.3	555
3	LEF-1 and TCF-1 orchestrate TFH differentiation by regulating differentiation circuits upstream of the transcriptional repressor Bcl6. Nature Immunology, 2015, 16, 980-990.	14.5	272
4	TCF-1 upregulation identifies early innate lymphoid progenitors in the bone marrow. Nature Immunology, 2015, 16, 1044-1050.	14.5	228
5	Repetitive Antigen Stimulation Induces Stepwise Transcriptome Diversification but Preserves a Core Signature of Memory CD8+ T Cell Differentiation. Immunity, 2010, 33, 128-140.	14.3	224
6	Tcf1 and Lef1 transcription factors establish CD8+ T cell identity through intrinsic HDAC activity. Nature Immunology, 2016, 17, 695-703.	14.5	188
7	The TCF-1 and LEF-1 Transcription Factors Have Cooperative and Opposing Roles in T Cell Development and Malignancy. Immunity, 2012, 37, 813-826.	14.3	173
8	IL-2 negatively regulates IL-7 receptor Â chain expression in activated T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13759-13764.	7.1	161
9	TCF-1 and LEF-1 act upstream of Th-POK to promote the CD4+ T cell fate and interact with Runx3 to silence Cd4 in CD8+ T cells. Nature Immunology, 2014, 15, 646-656.	14.5	158
10	Constitutive Activation of Wnt Signaling Favors Generation of Memory CD8 T Cells. Journal of Immunology, 2010, 184, 1191-1199.	0.8	157
11	IL-12 and type I interferon prolong the division of activated CD8 T cells by maintaining high-affinity IL-2 signaling in vivo. Journal of Experimental Medicine, 2014, 211, 105-120.	8.5	131
12	GA binding protein regulates interleukin 7 receptor Î±-chain gene expression in T cells. Nature Immunology, 2004, 5, 1036-1044.	14.5	125
13	The transcription factor Runx3 guards cytotoxic CD8+ effector T cells against deviation towards follicular helper T cell lineage. Nature Immunology, 2017, 18, 931-939.	14.5	113
14	The transcription factor c-Myb regulates CD8+ T cell stemness and antitumor immunity. Nature Immunology, 2019, 20, 337-349.	14.5	113
15	CD8 + T Lymphocyte Self-Renewal during Effector Cell Determination. Cell Reports, 2016, 17, 1773-1782.	6.4	101
16	TCF1 in T cell immunity: a broadened frontier. Nature Reviews Immunology, 2022, 22, 147-157.	22.7	100
17	CD4+ T cell effector commitment coupled to self-renewal by asymmetric cell divisions. Journal of Experimental Medicine, 2017, 214, 39-47.	8.5	91
18	Cutting Edge: Generation of Memory Precursors and Functional Memory CD8+ T Cells Depends on T Cell Factor-1 and Lymphoid Enhancer-Binding Factor-1. Journal of Immunology, 2012, 189, 2722-2726.	0.8	90

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19	TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. Cell Reports, 2019, 27, 3629-3645.e6.	6.4	90
20	Critical roles of mTOR Complex 1 and 2 for T follicular helper cell differentiation and germinal center responses. ELife, 2016, 5, .	6.0	89
21	The transcription factor TCF-1 enforces commitment to the innate lymphoid cell lineage. Nature Immunology, 2019, 20, 1150-1160.	14.5	81
22	CD8 + T Cells Utilize Highly Dynamic Enhancer Repertoires and Regulatory Circuitry in Response to Infections. Immunity, 2016, 45, 1341-1354.	14.3	79
23	Regulation of mature T cell responses by the Wnt signaling pathway. Annals of the New York Academy of Sciences, 2012, 1247, 16-33.	3.8	76
24	Peripherally induced brain tissueâ€“resident memory CD8+ T cells mediate protection against CNS infection. Nature Immunology, 2020, 21, 938-949.	14.5	75
25	Maturation stageâ€“specific regulation of megakaryopoiesis by pointed-domain Ets proteins. Blood, 2006, 108, 2198-2206.	1.4	73
26	Tcf1 and Lef1 are required for the immunosuppressive function of regulatory T cells. Journal of Experimental Medicine, 2019, 216, 847-866.	8.5	72
27	Control of Lymphocyte Fate, Infection, and Tumor Immunity by TCF-1. Trends in Immunology, 2019, 40, 1149-1162.	6.8	70
28	GABP controls a critical transcription regulatory module that is essential for maintenance and differentiation of hematopoietic stem/progenitor cells. Blood, 2011, 117, 2166-2178.	1.4	69
29	The transcription factor lymphoid enhancer factor 1 controls invariant natural killer T cell expansion and Th2-type effector differentiation. Journal of Experimental Medicine, 2015, 212, 793-807.	8.5	68
30	Infection-induced plasmablasts are a nutrient sink that impairs humoral immunity to malaria. Nature Immunology, 2020, 21, 790-801.	14.5	67
31	From inception to output, Tcf1 and Lef1 safeguard development of T cells and innate immune cells. Immunologic Research, 2014, 59, 45-55.	2.9	56
32	Constitutive Expression of IL-7 Receptor Î± Does Not Support Increased Expansion or Prevent Contraction of Antigen-Specific CD4 or CD8 T Cells following Listeria monocytogenes Infection. Journal of Immunology, 2008, 180, 2855-2862.	0.8	53
33	Differential Requirements for Tcf1 Long Isoforms in CD8+ and CD4+ T Cell Responses to Acute Viral Infection. Journal of Immunology, 2017, 199, 911-919.	0.8	53
34	Ezh2 programs TFH differentiation by integrating phosphorylation-dependent activation of Bcl6 and polycomb-dependent repression of p19Arf. Nature Communications, 2018, 9, 5452.	12.8	53
35	Flux of the l-Serine Metabolism in Rabbit, Human, and Dog Livers. Journal of Biological Chemistry, 1999, 274, 16028-16033.	3.4	49
36	Ectopic Tcf1 expression instills a stem-like program in exhausted CD8+ T cells to enhance viral and tumor immunity. Cellular and Molecular Immunology, 2021, 18, 1262-1277.	10.5	49

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37	TCF-1 limits the formation of Tc17 cells via repression of the MAFâ€“RORÎ³t axis. Journal of Experimental Medicine, 2019, 216, 1682-1699.	8.5	48
38	The Transcription Factor GABP Is a Critical Regulator of B Lymphocyte Development. Immunity, 2007, 26, 421-431.	14.3	47
39	Polymicrobial sepsis impairs bystander recruitment of effector cells to infected skin despite optimal sensing and alarming function of skin resident memory CD8 T cells. PLoS Pathogens, 2017, 13, e1006569.	4.7	47
40	Interleukin-21 Receptor Gene Induction in Human T Cells Is Mediated by T-Cell Receptor-Induced Sp1 Activity. Molecular and Cellular Biology, 2005, 25, 9741-9752.	2.3	46
41	Polymicrobial sepsis influences NK-cell-mediated immunity by diminishing NK-cell-intrinsic receptor-mediated effector responses to viral ligands or infections. PLoS Pathogens, 2018, 14, e1007405.	4.7	46
42	Phenotypic and Functional Alterations in Circulating Memory CD8 T Cells with Time after Primary Infection. PLoS Pathogens, 2015, 11, e1005219.	4.7	46
43	Flux of the l-Serine Metabolism in Rat Liver. Journal of Biological Chemistry, 1999, 274, 16020-16027.	3.4	41
44	Tcf1 and Lef1 provide constant supervision to matureÂCD8+ T cell identity and function by organizing genomic architecture. Nature Communications, 2021, 12, 5863.	12.8	41
45	Prostaglandin E1 and Its Analog Misoprostol Inhibit Human CML Stem Cell Self-Renewal via EP4 Receptor Activation and Repression of AP-1. Cell Stem Cell, 2017, 21, 359-373.e5.	11.1	40
46	Cell-autonomous requirement for TCF1 and LEF1 in the development of Natural Killer T cells. Molecular Immunology, 2015, 68, 484-489.	2.2	33
47	Hematopoietic and Leukemic Stem Cells Have Distinct Dependence on Tcf1 and Lef1 Transcription Factors. Journal of Biological Chemistry, 2016, 291, 11148-11160.	3.4	33
48	Tle corepressors are differentially partitioned to instruct CD8⁺ T cell lineage choice and identity. Journal of Experimental Medicine, 2018, 215, 2211-2226.	8.5	32
49	Lef1-dependent hypothalamic neurogenesis inhibits anxiety. PLoS Biology, 2017, 15, e2002257.	5.6	31
50	Targeting Tetramer-Forming GABPÎ²2 Isoforms Impairs Self-Renewal of Hematopoietic and Leukemic Stem Cells. Cell Stem Cell, 2012, 11, 207-219.	11.1	29
51	Stage-specific epigenetic regulation of CD4 expression by coordinated enhancer elements during T cell development. Nature Communications, 2018, 9, 3594.	12.8	29
52	Bystander responses impact accurate detection of murine and human antigen-specific CD8+ T cells. Journal of Clinical Investigation, 2019, 129, 3894-3908.	8.2	29
53	Stabilization of NF-Îºb-Inducing Kinase Suppresses MLL-AF9-Induced Acute Myeloid Leukemia. Cell Reports, 2018, 22, 350-358.	6.4	28
54	Cutting Edge: Tcf1 Instructs T Follicular Helper Cell Differentiation by Repressing Blimp1 in Response to Acute Viral Infection. Journal of Immunology, 2019, 203, 801-806.	0.8	27

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55	Tcf1 preprograms the mobilization of glycolysis in central memory CD8+ T cells during recall responses. Nature Immunology, 2022, 23, 386-398.	14.5	26
56	Critical Requirement of GABPÎ± for Normal T Cell Development. Journal of Biological Chemistry, 2010, 285, 10179-10188.	3.4	25
57	Cutting Edge: Î²-Cateninâ€“Interacting Tcf1 Isoforms Are Essential for Thymocyte Survival but Dispensable for Thymic Maturation Transitions. Journal of Immunology, 2017, 198, 3404-3409.	0.8	25
58	The differentiation of ROR-Î³t expressing iNKT17 cells is orchestrated by Runx1. Scientific Reports, 2017, 7, 7018.	3.3	25
59	T _{FH} cells depend on Tcf1-intrinsic HDAC activity to suppress CTLA4 and guard B-cell help function. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
60	Serine phosphorylation of Stat5 proteins in lymphocytes stimulated with IL-2. International Immunology, 2002, 14, 1263-1271.	4.0	22
61	The IL-15 receptor Î± chain cytoplasmic domain is critical for normal IL-15RÎ± function but is not required for trans-presentation. Blood, 2008, 112, 4411-4419.	1.4	22
62	Sox2 modulates Lef-1 expression during airway submucosal gland development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L645-L660.	2.9	22
63	GAâ€‘binding protein regulates KIS gene expression, cell migration, and cell cycle progression. FASEB Journal, 2008, 22, 225-235.	0.5	20
64	Lrp5 and Lrp6 are required for maintaining selfâ€renewal and differentiation of hematopoietic stem cells. FASEB Journal, 2019, 33, 5615-5625.	0.5	20
65	Sepsis leads to lasting changes in phenotype and function of memory CD8 T cells. ELife, 2021, 10, .	6.0	19
66	Exploring the stage-specific roles of Tcf-1 in T cell development and malignancy at single-cell resolution. Cellular and Molecular Immunology, 2021, 18, 644-659.	10.5	18
67	The E protein-TCF1 axis controls Î³Î´ TÂcell development and effector fate. Cell Reports, 2021, 34, 108716.	6.4	18
68	Store Depletion by Caffeine/Ryanodine Activates Capacitative Ca2+ Entry in Nonexcitable A549 Cells. Journal of Biochemistry, 2000, 128, 329-336.	1.7	17
69	Î²-Catenin is required for the differentiation of iNKT2 and iNKT17 cells that augment IL-25-dependent lung inflammation. BMC Immunology, 2015, 16, 62.	2.2	17
70	Time and Antigen-Stimulation History Influence Memory CD8 T Cell Bystander Responses. Frontiers in Immunology, 2017, 8, 634.	4.8	17
71	Î²-catenin and Î³-catenin are dispensable for T lymphocytes and AML leukemic stem cells. ELife, 2020, 9, .	6.0	16
72	Targeting the GA Binding Protein Î²1L Isoform Does Not Perturb Lymphocyte Development and Function. Molecular and Cellular Biology, 2008, 28, 4300-4309.	2.3	15

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73	TCF-1 mediates repression of Notch pathway in T lineageâ€“committed early thymocytes. Blood, 2013, 121, 4008-4009.	1.4	14
74	Coactivation of NF-Î²B and Notch signaling is sufficient to induce B-cell transformation and enables B-myeloid conversion. Blood, 2020, 135, 108-120.	1.4	14
75	Protective function and durability of mouse lymph node-resident memory CD8+ T cells. ELife, 2021, 10, .	6.0	14
76	The Timing of Stimulation and IL-2 Signaling Regulate Secondary CD8 T Cell Responses. PLoS Pathogens, 2015, 11, e1005199.	4.7	14
77	SRSF1 plays a critical role in invariant natural killer T cell development and function. Cellular and Molecular Immunology, 2021, 18, 2502-2515.	10.5	12
78	GABPÎ²2 Is Dispensible for Normal Lymphocyte Development but Moderately Affects B Cell Responses. Journal of Biological Chemistry, 2008, 283, 24326-24333.	3.4	11
79	Tcf1 at the crossroads of CD4+ and CD8+ T cell identity. Frontiers in Biology, 2017, 12, 83-93.	0.7	9
80	Oncogenic and Tumor Suppressor Functions for Lymphoid Enhancer Factor 1 in E2a-/- T Acute Lymphoblastic Leukemia. Frontiers in Immunology, 2022, 13, 845488.	4.8	8
81	Lef1 restricts ectopic crypt formation and tumor cell growth in intestinal adenomas. Science Advances, 2021, 7, eabj0512.	10.3	6
82	MLL4 keeps Foxp3 in the loop. Nature Immunology, 2017, 18, 957-958.	14.5	5
83	Fidelity of a BAC-EGFP transgene in reporting dynamic expression of IL-7RÎ± in T cells. Transgenic Research, 2012, 21, 201-215.	2.4	3
84	Identification of hematopoietic-specific regulatory elements from the CD45 gene and use for lentiviral tracking of transplanted cells. Experimental Hematology, 2014, 42, 761-772.e10.	0.4	3
85	Targeting Cbx3/HP1Î³ Induces LEF-1 and IL-21R to Promote Tumor-Infiltrating CD8 T-Cell Persistence. Frontiers in Immunology, 2021, 12, 738958.	4.8	2
86	Tcf1. , 2018, , 5327-5333.		1