Laurie H Glimcher

List of Publications by Year
in descending order

76 papers	21,189 citations	38742 50 h-index	76900 74 g-index
79 all docs	79 docs citations	79 times ranked	24529 citing authors

#	Article	IF	Citations
1	A Novel Transcription Factor, T-bet, Directs Th1 Lineage Commitment. Cell, 2000, 100, 655-669.	28.9	3,071
2	XBP-1 Regulates a Subset of Endoplasmic Reticulum Resident Chaperone Genes in the Unfolded Protein Response. Molecular and Cellular Biology, 2003, 23, 7448-7459.	2.3	1,796
3	XBP1 Links ER Stress to Intestinal Inflammation and Confers Genetic Risk for Human Inflammatory Bowel Disease. Cell, 2008, 134, 743-756.	28.9	1,225
4	Plasma cell differentiation requires the transcription factor XBP-1. Nature, 2001, 412, 300-307.	27.8	1,146
5	TLR activation of the transcription factor XBP1 regulates innate immune responses in macrophages. Nature Immunology, 2010, 11, 411-418.	14.5	844
6	Regulation of Hepatic Lipogenesis by the Transcription Factor XBP1. Science, 2008, 320, 1492-1496.	12.6	833
7	Plasma cell differentiation and the unfolded protein response intersect at the transcription factor XBP-1. Nature Immunology, 2003, 4, 321-329.	14.5	777
8	XBP1 promotes triple-negative breast cancer by controlling the HIF1α pathway. Nature, 2014, 508, 103-107.	27.8	663
9	ER Stress Sensor XBP1 Controls Anti-tumor Immunity by Disrupting Dendritic Cell Homeostasis. Cell, 2015, 161, 1527-1538.	28.9	639
10	Tumorigenic and Immunosuppressive Effects of Endoplasmic Reticulum Stress in Cancer. Cell, 2017, 168, 692-706.	28.9	606
11	Proteasome inhibitors disrupt the unfolded protein response in myeloma cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9946-9951.	7.1	563
12	Development of Spontaneous Airway Changes Consistent with Human Asthma in Mice Lacking T-bet. Science, 2002, 295, 336-338.	12.6	562
13	The transcription factor NF-ATc is essential for cardiac valve formation. Nature, 1998, 392, 186-190.	27.8	547
14	Sequences and Factors: A Guide to MHC Class-II Transcription. Annual Review of Immunology, 1992, 10, 13-49.	21.8	525
15	XBP1 Is Essential for Survival under Hypoxic Conditions and Is Required for Tumor Growth. Cancer Research, 2004, 64, 5943-5947.	0.9	496
16	T Helper Cell Fate Specified by Kinase-Mediated Interaction of T-bet with GATA-3. Science, 2005, 307, 430-433.	12.6	443
17	Endoplasmic Reticulum Stress in Immunity. Annual Review of Immunology, 2015, 33, 107-138.	21.8	398
18	XBP-1 is required for biogenesis of cellular secretory machinery of exocrine glands. EMBO Journal, 2005, 24, 4368-4380.	7.8	391

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19	Unopposed positive selection and autoreactivity in mice expressing class II MHC only on thymic cortex. Nature, 1996, 383, 81-85.	27.8	355
20	T-bet represses TH17 differentiation by preventing Runx1-mediated activation of the gene encoding RORÎ³t. Nature Immunology, 2011, 12, 96-104.	14.5	335
21	An inflammation-targeting hydrogel for local drug delivery in inflammatory bowel disease. Science Translational Medicine, 2015, 7, 300ra128.	12.4	288
22	c-maf Promotes T Helper Cell Type 2 (Th2) and Attenuates Th1 Differentiation by Both Interleukin 4â€"dependent and â€"independent Mechanisms. Journal of Experimental Medicine, 1998, 188, 1859-1866.	8.5	278
23	Chondrodysplasia and neurological abnormalities in ATF-2-deficient mice. Nature, 1996, 379, 262-265.	27.8	272
24	The transcription factor XBP-1 is essential for the development and survival of dendritic cells. Journal of Experimental Medicine, 2007, 204, 2267-2275.	8.5	264
25	Recent developments in the transcriptional regulation of cytolytic effector cells. Nature Reviews Immunology, 2004, 4, 900-911.	22.7	263
26	IRE1Î±â€"XBP1 controls T cell function in ovarian cancer by regulating mitochondrial activity. Nature, 2018, 562, 423-428.	27.8	252
27	Silencing of Lipid Metabolism Genes through IRE1Î±-Mediated mRNA Decay Lowers Plasma Lipids in Mice. Cell Metabolism, 2012, 16, 487-499.	16.2	239
28	Dual and opposing roles of the unfolded protein response regulated by IRE1Î± and XBP1 in proinsulin processing and insulin secretion. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8885-8890.	7.1	228
29	Regulation of Adult Bone Mass by the Zinc Finger Adapter Protein Schnurri-3. Science, 2006, 312, 1223-1227.	12.6	223
30	Targeting skeletal endothelium to ameliorate bone loss. Nature Medicine, 2018, 24, 823-833.	30.7	218
31	In Situ Hybridization Studies of Stromelysin and Collagenase Messenger RNA Expression in Rheumatoid Synovium. Arthritis and Rheumatism, 1991, 34, 1076-1084.	6.7	204
32	TBX21: A functional variant predicts improvement in asthma with the use of inhaled corticosteroids. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18099-18104.	7.1	165
33	The transcription factor XBP1 is selectively required for eosinophil differentiation. Nature Immunology, 2015, 16, 829-837.	14.5	154
34	Regulation of Memory Formation by the Transcription Factor XBP1. Cell Reports, 2016, 14, 1382-1394.	6.4	142
35	The IRE1 endoplasmic reticulum stress sensor activates natural killer cell immunity in part by regulating c-Myc. Nature Immunology, 2019, 20, 865-878.	14.5	120
36	XBP1 Controls Maturation of Gastric Zymogenic Cells by Induction of MIST1 and Expansion of the Rough Endoplasmic Reticulum. Gastroenterology, 2010, 139, 2038-2049.	1.3	105

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37	IRE1Î±â€"XBP1 signaling in leukocytes controls prostaglandin biosynthesis and pain. Science, 2019, 365, .	12.6	91
38	In situ hybridization studies suggest a role for the basic region-leucine zipper protein hXBP-1 in exocrine gland and skeletal development during mouse embryogenesis. Developmental Dynamics, 1993, 197, 146-156.	1.8	86
39	Human T-bet Governs Innate and Innate-like Adaptive IFN-Î³ Immunity against Mycobacteria. Cell, 2020, 183, 1826-1847.e31.	28.9	83
40	T-Bet Polymorphisms Are Associated with Asthma and Airway Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 64-70.	5.6	78
41	Interspecies Comparison of Human and Murine Scleroderma Reveals IL-13 and CCL2 as Disease Subset-Specific Targets. American Journal of Pathology, 2012, 180, 1080-1094.	3.8	78
42	Asthmatic changes in mice lacking T-bet are mediated by IL-13. International Immunology, 2005, 17, 993-1007.	4.0	77
43	Extensive Pancreas Regeneration Following Acinar-Specific Disruption of Xbp1 in Mice. Gastroenterology, 2011, 141, 1463-1472.	1.3	77
44	From Sugar to Fat. Annals of the New York Academy of Sciences, 2009, 1173, E2-9.	3.8	65
45	T-bet, a T-Cellâ€"Associated Transcription Factor, Is Expressed in a Subset of B-Cell Lymphoproliferative Disorders. American Journal of Clinical Pathology, 2004, 122, 292-297.	0.7	62
46	IL-21 induces antiviral microRNA-29 in CD4 T cells to limit HIV-1 infection. Nature Communications, 2015, 6, 7562.	12.8	58
47	Trawling for treasure: tales of T-bet. Nature Immunology, 2007, 8, 448-450.	14.5	57
48	Nod/Ripk2 signaling in dendritic cells activates IL-17Aâ€"secreting innate lymphoid cells and drives colitis in<i>T-bet</i>^{<i>â˜'/â˜'</i>}<i>.Rag2</i>^{<i>â˜'/â˜'</i>}(TRUC) mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2559-66.	7.1	56
49	Schnurri-3 regulates ERK downstream of WNT signaling in osteoblasts. Journal of Clinical Investigation, 2013, 123, 4010-4022.	8.2	53
50	SMURF2 regulates bone homeostasis by disrupting SMAD3 interaction with vitamin D receptor in osteoblasts. Nature Communications, 2017, 8, 14570.	12.8	52
51	MEKK2 mediates an alternative Î²-catenin pathway that promotes bone formation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1226-35.	7.1	47
52	Thymic stromal cell specialization and the T-cell receptor repertoire. Immunologic Research, 1997, 16, 3-14.	2.9	45
53	Memory-like NK cells armed with a neoepitope-specific CAR exhibit potent activity against NPM1 mutated acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	44
54	Immunoregulatory Effects of Superantigens: Interactions of Staphylococcal Enterotoxins with Host MHC and non-MHC Products. Immunological Reviews, 1993, 131, 27-42.	6.0	34

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55	Control of bone resorption in mice by Schnurri-3. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8173-8178.	7.1	31
56	XBP1-Independent UPR Pathways Suppress C/EBP-β Mediated Chondrocyte Differentiation in ER-Stress Related Skeletal Disease. PLoS Genetics, 2015, 11, e1005505.	3.5	31
57	p38α MAPK Is Required for Tooth Morphogenesis and Enamel Secretion. Journal of Biological Chemistry, 2015, 290, 284-295.	3.4	31
58	Molecular Pathways: Immunosuppressive Roles of IRE1α-XBP1 Signaling in Dendritic Cells of the Tumor Microenvironment. Clinical Cancer Research, 2016, 22, 2121-2126.	7.0	30
59	Post-translational control of T cell development by the ESCRT protein CHMP5. Nature Immunology, 2017, 18, 780-790.	14.5	29
60	XBP-1 and the unfolded protein response (UPR). Nature Immunology, 2020, 21, 963-965.	14.5	26
61	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. Journal of Experimental Medicine, 2021, 218, .	8.5	25
62	Crystal structure of the DNA binding domain of the transcription factor T-bet suggests simultaneous recognition of distant genome sites. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6572-E6581.	7.1	20
63	Transgenic mice expressing MHC class II molecules with truncated Aβ cytoplasmic domains reveal signaling-independent defects in antigen presentation. International Immunology, 1995, 7, 665-677.	4.0	19
64	Control of Postnatal Bone Mass by the Zinc Finger Adapter Protein Schnurri-3. Annals of the New York Academy of Sciences, 2007, 1116, 174-181.	3.8	16
65	Targeting abnormal ER stress responses in tumors: A new approach to cancer immunotherapy. OncoImmunology, 2016, 5, e1098802.	4.6	15
66	Identification of RIOK2 as a master regulator of human blood cell development. Nature Immunology, 2022, 23, 109-121.	14.5	13
67	Blockade of IL-22 signaling reverses erythroid dysfunction in stress-induced anemias. Nature Immunology, 2021, 22, 520-529.	14.5	11
68	Tetraspanin CD9 and ectonucleotidase CD73 identify an osteochondroprogenitor population with elevated osteogenic properties. Development (Cambridge), 2015, 142, 438-43.	2.5	8
69	Harvard's women four years later. Nature Immunology, 2009, 10, 559-561.	14.5	5
70	Translating Research into Therapies. Cell, 2012, 148, 1077-1078.	28.9	4
71	Novel roles for XBP1 in hematopoietic development. Cell Cycle, 2016, 15, 1653-1654.	2.6	3
72	Identification of an IL-4-Inducible Gene Expressed in Differentiating Lymphocytes and Male Germ Cells. Autoimmunity, 1990, 1, 19-30.	0.6	2

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73	How We Can Help the Next Generation of Scientists: Introducing The â€œHands-Onâ€•Primary Caregiverâ€™s Support Program. Journal of Immunology, 2004, 173, 2891-2892.	0.8	1
74	A lily worth gilding. Cell, 2021, 184, 5275-5278.	28.9	0
75	Reflections on health care. Journal of Clinical Investigation, 2009, 119, 2858-2859.	8.2	0
76	The Plasma Cell Transcription Factor XBP1 is Required To Mitigate The Unfolded Protein Response In Ph+ ALL. Blood, 2013, 122, 836-836.	1.4	0