

Laurie H Glimcher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

17,486
citations

46
h-index

79
g-index

79
ext. papers

19,570
ext. citations

21.4
avg, IF

6.44
L-index

#	Paper	IF	Citations
75	Identification of RIOK2 as a master regulator of human blood cell development.. <i>Nature Immunology</i> , 2022 , 23, 109-121	19.1	0
74	Blockade of IL-22 signaling reverses erythroid dysfunction in stress-induced anemias. <i>Nature Immunology</i> , 2021 , 22, 520-529	19.1	4
73	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	7
72	A lily worth gilding. <i>Cell</i> , 2021 , 184, 5275-5278	56.2	
71	Human T-bet Governs Innate and Innate-like Adaptive IFN- γ Immunity against Mycobacteria. <i>Cell</i> , 2020 , 183, 1826-1847.e31	56.2	35
70	XBP-1 and the unfolded protein response (UPR). <i>Nature Immunology</i> , 2020 , 21, 963-965	19.1	7
69	The IRE1 endoplasmic reticulum stress sensor activates natural killer cell immunity in part by regulating c-Myc. <i>Nature Immunology</i> , 2019 , 20, 865-878	19.1	56
68	IRE1 \times XBP1 signaling in leukocytes controls prostaglandin biosynthesis and pain. <i>Science</i> , 2019 , 365,	33.3	46
67	IRE1 \times XBP1 controls T cell function in ovarian cancer by regulating mitochondrial activity. <i>Nature</i> , 2018 , 562, 423-428	50.4	139
66	Targeting skeletal endothelium to ameliorate bone loss. <i>Nature Medicine</i> , 2018 , 24, 823-833	50.5	110
65	SMURF2 regulates bone homeostasis by disrupting SMAD3 interaction with vitamin D receptor in osteoblasts. <i>Nature Communications</i> , 2017 , 8, 14570	17.4	32
64	Tumorigenic and Immunosuppressive Effects of Endoplasmic Reticulum Stress in Cancer. <i>Cell</i> , 2017 , 168, 692-706	56.2	398
63	Post-translational control of T cell development by the ESCRT protein CHMP5. <i>Nature Immunology</i> , 2017 , 18, 780-790	19.1	16
62	Molecular Pathways: Immunosuppressive Roles of IRE1 \times XBP1 Signaling in Dendritic Cells of the Tumor Microenvironment. <i>Clinical Cancer Research</i> , 2016 , 22, 2121-6	12.9	22
61	Regulation of Memory Formation by the Transcription Factor XBP1. <i>Cell Reports</i> , 2016 , 14, 1382-1394	10.6	105
60	MEKK2 mediates an alternative β -catenin pathway that promotes bone formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1226-35	11.5	36
59	Targeting abnormal ER stress responses in tumors: A new approach to cancer immunotherapy. <i>Onc Immunology</i> , 2016 , 5, e1098802	7.2	13

58	Crystal structure of the DNA binding domain of the transcription factor T-bet suggests simultaneous recognition of distant genome sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6572-E6581	11.5	11
57	p38 β MAPK is required for tooth morphogenesis and enamel secretion. <i>Journal of Biological Chemistry</i> , 2015 , 290, 284-95	5.4	22
56	Tetraspanin CD9 and ectonucleotidase CD73 identify an osteochondroprogenitor population with elevated osteogenic properties. <i>Development (Cambridge)</i> , 2015 , 142, 438-43	6.6	7
55	The transcription factor XBP1 is selectively required for eosinophil differentiation. <i>Nature Immunology</i> , 2015 , 16, 829-37	19.1	117
54	IL-21 induces antiviral microRNA-29 in CD4 T cells to limit HIV-1 infection. <i>Nature Communications</i> , 2015 , 6, 7562	17.4	43
53	An inflammation-targeting hydrogel for local drug delivery in inflammatory bowel disease. <i>Science Translational Medicine</i> , 2015 , 7, 300ra128	17.5	196
52	Endoplasmic reticulum stress in immunity. <i>Annual Review of Immunology</i> , 2015 , 33, 107-38	34.7	230
51	XBP1-Independent UPR Pathways Suppress C/EBP β -Mediated Chondrocyte Differentiation in ER-Stress Related Skeletal Disease. <i>PLoS Genetics</i> , 2015 , 11, e1005505	6	26
50	ER Stress Sensor XBP1 Controls Anti-tumor Immunity by Disrupting Dendritic Cell Homeostasis. <i>Cell</i> , 2015 , 161, 1527-38	56.2	427
49	XBP1 promotes triple-negative breast cancer by controlling the HIF1 β pathway. <i>Nature</i> , 2014 , 508, 103-107	50.4	512
48	Nod/Ripk2 signaling in dendritic cells activates IL-17A-secreting innate lymphoid cells and drives colitis in T-bet $^{-/-}$.Rag2 $^{-/-}$ (TRUC) mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2559-66	11.5	48
47	The unfolded protein response element IRE1 β senses bacterial proteins invading the ER to activate RIG-I and innate immune signaling. <i>Cell Host and Microbe</i> , 2013 , 13, 558-569	23.4	92
46	Schnurri-3 regulates ERK downstream of WNT signaling in osteoblasts. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4010-22	15.9	39
45	The Plasma Cell Transcription Factor XBP1 is Required To Mitigate The Unfolded Protein Response In Ph $^{+}$ ALL. <i>Blood</i> , 2013 , 122, 836-836	2.2	
44	Silencing of lipid metabolism genes through IRE1 β -mediated mRNA decay lowers plasma lipids in mice. <i>Cell Metabolism</i> , 2012 , 16, 487-99	24.6	186
43	Interspecies comparison of human and murine scleroderma reveals IL-13 and CCL2 as disease subset-specific targets. <i>American Journal of Pathology</i> , 2012 , 180, 1080-1094	5.8	65
42	Translating research into therapies. <i>Cell</i> , 2012 , 148, 1077-8	56.2	4
41	Control of bone resorption in mice by Schnurri-3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8173-8	11.5	23

40	T-bet represses T(H)17 differentiation by preventing Runx1-mediated activation of the gene encoding ROR γ . <i>Nature Immunology</i> , 2011 , 12, 96-104	19.1	284
39	Extensive pancreas regeneration following acinar-specific disruption of Xbp1 in mice. <i>Gastroenterology</i> , 2011 , 141, 1463-72	13.3	54
38	Dual and opposing roles of the unfolded protein response regulated by IRE1alpha and XBP1 in proinsulin processing and insulin secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 8885-90	11.5	189
37	TLR activation of the transcription factor XBP1 regulates innate immune responses in macrophages. <i>Nature Immunology</i> , 2010 , 11, 411-8	19.1	675
36	XBP1 controls maturation of gastric zymogenic cells by induction of MIST1 and expansion of the rough endoplasmic reticulum. <i>Gastroenterology</i> , 2010 , 139, 2038-49	13.3	86
35	From sugar to fat: How the transcription factor XBP1 regulates hepatic lipogenesis. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1173 Suppl 1, E2-9	6.5	54
34	Harvard's women four years later. <i>Nature Immunology</i> , 2009 , 10, 559-61	19.1	4
33	Reflections on health care. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2858-9	15.9	
32	Regulation of hepatic lipogenesis by the transcription factor XBP1. <i>Science</i> , 2008 , 320, 1492-6	33.3	705
31	XBP1 links ER stress to intestinal inflammation and confers genetic risk for human inflammatory bowel disease. <i>Cell</i> , 2008 , 134, 743-56	56.2	1046
30	Trawling for treasure: tales of T-bet. <i>Nature Immunology</i> , 2007 , 8, 448-50	19.1	52
29	Control of postnatal bone mass by the zinc finger adapter protein Schnurri-3. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1116, 174-81	6.5	13
28	The transcription factor XBP-1 is essential for the development and survival of dendritic cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2267-75	16.6	225
27	T-bet polymorphisms are associated with asthma and airway hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 64-70	10.2	74
26	Regulation of adult bone mass by the zinc finger adapter protein Schnurri-3. <i>Science</i> , 2006 , 312, 1223-7	33.3	188
25	T helper cell fate specified by kinase-mediated interaction of T-bet with GATA-3. <i>Science</i> , 2005 , 307, 430-3	33.3	388
24	XBP-1 is required for biogenesis of cellular secretory machinery of exocrine glands. <i>EMBO Journal</i> , 2005 , 24, 4368-80	13	345
23	Asthmatic changes in mice lacking T-bet are mediated by IL-13. <i>International Immunology</i> , 2005 , 17, 993-1007	10.7	70

22	T-bet, a T-Cell Associated Transcription Factor, Is Expressed in a Subset of B-Cell Lymphoproliferative Disorders. <i>American Journal of Clinical Pathology</i> , 2004 , 122, 292-297	1.9	52
21	XBP1 is essential for survival under hypoxic conditions and is required for tumor growth. <i>Cancer Research</i> , 2004 , 64, 5943-7	10.1	423
20	How we can help the next generation of scientists: introducing The "Hands-On" Primary Caregiver Support Program. <i>Journal of Immunology</i> , 2004 , 173, 2891-2	5.3	0
19	TBX21: a functional variant predicts improvement in asthma with the use of inhaled corticosteroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 18099-104	11.5	144
18	Recent developments in the transcriptional regulation of cytolytic effector cells. <i>Nature Reviews Immunology</i> , 2004 , 4, 900-11	36.5	239
17	XBP-1 regulates a subset of endoplasmic reticulum resident chaperone genes in the unfolded protein response. <i>Molecular and Cellular Biology</i> , 2003 , 23, 7448-59	4.8	1564
16	Plasma cell differentiation and the unfolded protein response intersect at the transcription factor XBP-1. <i>Nature Immunology</i> , 2003 , 4, 321-9	19.1	688
15	Proteasome inhibitors disrupt the unfolded protein response in myeloma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 9946-51	11.5	505
14	Development of spontaneous airway changes consistent with human asthma in mice lacking T-bet. <i>Science</i> , 2002 , 295, 336-8	33.3	506
13	Plasma cell differentiation requires the transcription factor XBP-1. <i>Nature</i> , 2001 , 412, 300-7	50.4	998
12	A novel transcription factor, T-bet, directs Th1 lineage commitment. <i>Cell</i> , 2000 , 100, 655-69	56.2	2646
11	The transcription factor NF-ATc is essential for cardiac valve formation. <i>Nature</i> , 1998 , 392, 186-90	50.4	511
10	c-maf promotes T helper cell type 2 (Th2) and attenuates Th1 differentiation by both interleukin 4-dependent and -independent mechanisms. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1859-66	16.6	247
9	Thymic stromal cell specialization and the T-cell receptor repertoire. <i>Immunologic Research</i> , 1997 , 16, 3-14	4.3	41
8	Chondrodysplasia and neurological abnormalities in ATF-2-deficient mice. <i>Nature</i> , 1996 , 379, 262-5	50.4	247
7	Unopposed positive selection and autoreactivity in mice expressing class II MHC only on thymic cortex. <i>Nature</i> , 1996 , 383, 81-5	50.4	330
6	Transgenic mice expressing MHC class II molecules with truncated A beta cytoplasmic domains reveal signaling-independent defects in antigen presentation. <i>International Immunology</i> , 1995 , 7, 665-77	4.9	19
5	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. <i>Developmental Dynamics</i> , 1993 , 197, 146-56	2.9	72

4	Immunoregulatory effects of superantigens: interactions of staphylococcal enterotoxins with host MHC and non-MHC products. <i>Immunological Reviews</i> , 1993 , 131, 27-42	11.3	28
3	Sequences and factors: a guide to MHC class-II transcription. <i>Annual Review of Immunology</i> , 1992 , 10, 13-49	34.7	496
2	In situ hybridization studies of stromelysin and collagenase messenger RNA expression in rheumatoid synovium. <i>Arthritis and Rheumatism</i> , 1991 , 34, 1076-84		194
1	Identification of an IL-4-inducible gene expressed in differentiating lymphocytes and male germ cells. <i>Autoimmunity</i> , 1990 , 1, 19-30		2