

# Laurie H Glimcher

## List of Publications by Year in descending order

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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	Identification of RIOK2 as a master regulator of human blood cell development. <i>Nature Immunology</i> , 2022, 23, 109-121.	14.5	13
2	Memory-like NK cells armed with a neoepitope-specific CAR exhibit potent activity against NPM1 mutated acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	44
3	Blockade of IL-22 signaling reverses erythroid dysfunction in stress-induced anemias. <i>Nature Immunology</i> , 2021, 22, 520-529.	14.5	11
4	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	25
5	A lily worth gilding. <i>Cell</i> , 2021, 184, 5275-5278.	28.9	0
6	Human T-bet Governs Innate and Innate-like Adaptive IFN- $\gamma$ Immunity against Mycobacteria. <i>Cell</i> , 2020, 183, 1826-1847.e31.	28.9	83
7	XBP-1 and the unfolded protein response (UPR). <i>Nature Immunology</i> , 2020, 21, 963-965.	14.5	26
8	IRE1 $\alpha$ -XBP1 signaling in leukocytes controls prostaglandin biosynthesis and pain. <i>Science</i> , 2019, 365, .	12.6	91
9	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.	14.5	120
10	IRE1 $\alpha$ -XBP1 controls T cell function in ovarian cancer by regulating mitochondrial activity. <i>Nature</i> , 2018, 562, 423-428.	27.8	252
11	Targeting skeletal endothelium to ameliorate bone loss. <i>Nature Medicine</i> , 2018, 24, 823-833.	30.7	218
12	SMURF2 regulates bone homeostasis by disrupting SMAD3 interaction with vitamin D receptor in osteoblasts. <i>Nature Communications</i> , 2017, 8, 14570.	12.8	52
13	Tumorigenic and Immunosuppressive Effects of Endoplasmic Reticulum Stress in Cancer. <i>Cell</i> , 2017, 168, 692-706.	28.9	606
14	Post-translational control of T cell development by the ESCRT protein CHMP5. <i>Nature Immunology</i> , 2017, 18, 780-790.	14.5	29
15	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.	7.1	20
16	Novel roles for XBP1 in hematopoietic development. <i>Cell Cycle</i> , 2016, 15, 1653-1654.	2.6	3
17	Molecular Pathways: Immunosuppressive Roles of IRE1 $\alpha$ -XBP1 Signaling in Dendritic Cells of the Tumor Microenvironment. <i>Clinical Cancer Research</i> , 2016, 22, 2121-2126.	7.0	30
18	Regulation of Memory Formation by the Transcription Factor XBP1. <i>Cell Reports</i> , 2016, 14, 1382-1394.	6.4	142

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19	MEKK2 mediates an alternative $\beta$ -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.	7.1	47
20	Targeting abnormal ER stress responses in tumors: A new approach to cancer immunotherapy. <i>OncImmunology</i> , 2016, 5, e1098802.	4.6	15
21	XBP1-Independent UPR Pathways Suppress C/EBP- $\beta$ Mediated Chondrocyte Differentiation in ER-Stress Related Skeletal Disease. <i>PLoS Genetics</i> , 2015, 11, e1005505.	3.5	31
22	ER Stress Sensor XBP1 Controls Anti-tumor Immunity by Disrupting Dendritic Cell Homeostasis. <i>Cell</i> , 2015, 161, 1527-1538.	28.9	639
23	p38 $\beta$ MAPK Is Required for Tooth Morphogenesis and Enamel Secretion. <i>Journal of Biological Chemistry</i> , 2015, 290, 284-295.	3.4	31
24	Tetraspanin CD9 and ectonucleotidase CD73 identify an osteochondroprogenitor population with elevated osteogenic properties. <i>Development (Cambridge)</i> , 2015, 142, 438-43.	2.5	8
25	The transcription factor XBP1 is selectively required for eosinophil differentiation. <i>Nature Immunology</i> , 2015, 16, 829-837.	14.5	154
26	IL-21 induces antiviral microRNA-29 in CD4 T cells to limit HIV-1 infection. <i>Nature Communications</i> , 2015, 6, 7562.	12.8	58
27	An inflammation-targeting hydrogel for local drug delivery in inflammatory bowel disease. <i>Science Translational Medicine</i> , 2015, 7, 300ra128.	12.4	288
28	Endoplasmic Reticulum Stress in Immunity. <i>Annual Review of Immunology</i> , 2015, 33, 107-138.	21.8	398
29	XBP1 promotes triple-negative breast cancer by controlling the HIF1 $\beta$ pathway. <i>Nature</i> , 2014, 508, 103-107.	27.8	663
30	Nod/Ripk2 signaling in dendritic cells activates IL-17A <sup>secreting</sup> innate lymphoid cells and drives colitis in <i>T-bet<sup>hi</sup>Rag2<sup>hi</sup></i> (TRUC) mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2559-66.	7.1	56
31	Schnurri-3 regulates ERK downstream of WNT signaling in osteoblasts. <i>Journal of Clinical Investigation</i> , 2013, 123, 4010-4022.	8.2	53
32	The Plasma Cell Transcription Factor XBP1 is Required To Mitigate The Unfolded Protein Response In Ph <sup>+</sup> ALL. <i>Blood</i> , 2013, 122, 836-836.	1.4	0
33	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, 8173-8178.	7.1	31
34	Silencing of Lipid Metabolism Genes through IRE1 $\beta$ -Mediated mRNA Decay Lowers Plasma Lipids in Mice. <i>Cell Metabolism</i> , 2012, 16, 487-499.	16.2	239
35	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.	3.8	78
36	Translating Research into Therapies. <i>Cell</i> , 2012, 148, 1077-1078.	28.9	4

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37	Extensive Pancreas Regeneration Following Acinar-Specific Disruption of Xbp1 in Mice. <i>Gastroenterology</i> , 2011, 141, 1463-1472.	1.3	77
38	T-bet represses TH17 differentiation by preventing Runx1-mediated activation of the gene encoding ROR $\gamma$ t. <i>Nature Immunology</i> , 2011, 12, 96-104.	14.5	335
39	Dual and opposing roles of the unfolded protein response regulated by IRE1 $\alpha$ 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, 8885-8890.	7.1	228
40	TLR activation of the transcription factor XBP1 regulates innate immune responses in macrophages. <i>Nature Immunology</i> , 2010, 11, 411-418.	14.5	844
41	XBP1 Controls Maturation of Gastric Zymogenic Cells by Induction of MIST1 and Expansion of the Rough Endoplasmic Reticulum. <i>Gastroenterology</i> , 2010, 139, 2038-2049.	1.3	105
42	From Sugar to Fat. <i>Annals of the New York Academy of Sciences</i> , 2009, 1173, E2-9.	3.8	65
43	Harvard's women four years later. <i>Nature Immunology</i> , 2009, 10, 559-561.	14.5	5
44	Reflections on health care. <i>Journal of Clinical Investigation</i> , 2009, 119, 2858-2859.	8.2	0
45	Regulation of Hepatic Lipogenesis by the Transcription Factor XBP1. <i>Science</i> , 2008, 320, 1492-1496.	12.6	833
46	XBP1 Links ER Stress to Intestinal Inflammation and Confers Genetic Risk for Human Inflammatory Bowel Disease. <i>Cell</i> , 2008, 134, 743-756.	28.9	1,225
47	The transcription factor XBP-1 is essential for the development and survival of dendritic cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2267-2275.	8.5	264
48	Trawling for treasure: tales of T-bet. <i>Nature Immunology</i> , 2007, 8, 448-450.	14.5	57
49	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, 174-181.	3.8	16
50	Regulation of Adult Bone Mass by the Zinc Finger Adapter Protein Schnurri-3. <i>Science</i> , 2006, 312, 1223-1227.	12.6	223
51	T-Bet Polymorphisms Are Associated with Asthma and Airway Hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 64-70.	5.6	78
52	XBP-1 is required for biogenesis of cellular secretory machinery of exocrine glands. <i>EMBO Journal</i> , 2005, 24, 4368-4380.	7.8	391
53	Asthmatic changes in mice lacking T-bet are mediated by IL-13. <i>International Immunology</i> , 2005, 17, 993-1007.	4.0	77
54	T Helper Cell Fate Specified by Kinase-Mediated Interaction of T-bet with GATA-3. <i>Science</i> , 2005, 307, 430-433.	12.6	443

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55	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.	0.7	62
56	XBP1 Is Essential for Survival under Hypoxic Conditions and Is Required for Tumor Growth. <i>Cancer Research</i> , 2004, 64, 5943-5947.	0.9	496
57	How We Can Help the Next Generation of Scientists: Introducing The "Hands-On" Primary Caregiver™s Support Program. <i>Journal of Immunology</i> , 2004, 173, 2891-2892.	0.8	1
58	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, 18099-18104.	7.1	165
59	Recent developments in the transcriptional regulation of cytolytic effector cells. <i>Nature Reviews Immunology</i> , 2004, 4, 900-911.	22.7	263
60	Plasma cell differentiation and the unfolded protein response intersect at the transcription factor XBP-1. <i>Nature Immunology</i> , 2003, 4, 321-329.	14.5	777
61	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, 9946-9951.	7.1	563
62	XBP-1 Regulates a Subset of Endoplasmic Reticulum Resident Chaperone Genes in the Unfolded Protein Response. <i>Molecular and Cellular Biology</i> , 2003, 23, 7448-7459.	2.3	1,796
63	Development of Spontaneous Airway Changes Consistent with Human Asthma in Mice Lacking T-bet. <i>Science</i> , 2002, 295, 336-338.	12.6	562
64	Plasma cell differentiation requires the transcription factor XBP-1. <i>Nature</i> , 2001, 412, 300-307.	27.8	1,146
65	A Novel Transcription Factor, T-bet, Directs Th1 Lineage Commitment. <i>Cell</i> , 2000, 100, 655-669.	28.9	3,071
66	The transcription factor NF-ATc is essential for cardiac valve formation. <i>Nature</i> , 1998, 392, 186-190.	27.8	547
67	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, 1859-1866.	8.5	278
68	Thymic stromal cell specialization and the T-cell receptor repertoire. <i>Immunologic Research</i> , 1997, 16, 3-14.	2.9	45
69	Chondrodysplasia and neurological abnormalities in ATF-2-deficient mice. <i>Nature</i> , 1996, 379, 262-265.	27.8	272
70	Unopposed positive selection and autoreactivity in mice expressing class II MHC only on thymic cortex. <i>Nature</i> , 1996, 383, 81-85.	27.8	355
71	Transgenic mice expressing MHC class II molecules with truncated AÎ² cytoplasmic domains reveal signaling-independent defects in antigen presentation. <i>International Immunology</i> , 1995, 7, 665-677.	4.0	19
72	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, 146-156.	1.8	86

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73	Immunoregulatory Effects of Superantigens: Interactions of Staphylococcal Enterotoxins with Host MHC and non-MHC Products. <i>Immunological Reviews</i> , 1993, 131, 27-42.	6.0	34
74	Sequences and Factors: A Guide to MHC Class-II Transcription. <i>Annual Review of Immunology</i> , 1992, 10, 13-49.	21.8	525
75	In Situ Hybridization Studies of Stromelysin and Collagenase Messenger RNA Expression in Rheumatoid Synovium. <i>Arthritis and Rheumatism</i> , 1991, 34, 1076-1084.	6.7	204
76	Identification of an IL-4-Inducible Gene Expressed in Differentiating Lymphocytes and Male Germ Cells. <i>Autoimmunity</i> , 1990, 1, 19-30.	0.6	2