Ann-Hwee Lee

List of Publications by Year
in descending order

36 papers	9,110 citations	218677 26 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	12158 citing authors

#	Article	IF	Citations
1	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
2	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
3	XBP1, Downstream of Blimp-1, Expands the Secretory Apparatus and Other Organelles, and Increases Protein Synthesis in Plasma Cell Differentiation. Immunity, 2004, 21, 81-93.	14.3	901
4	Regulation of Hepatic Lipogenesis by the Transcription Factor XBP1. Science, 2008, 320, 1492-1496.	12.6	833
5	ER Stress Sensor XBP1 Controls Anti-tumor Immunity by Disrupting Dendritic Cell Homeostasis. Cell, 2015, 161, 1527-1538.	28.9	639
6	Proapoptotic BAX and BAK Modulate the Unfolded Protein Response by a Direct Interaction with IRE1Â. Science, 2006, 312, 572-576.	12.6	614
7	XBP1 Is Essential for Survival under Hypoxic Conditions and Is Required for Tumor Growth. Cancer Research, 2004, 64, 5943-5947.	0.9	496
8	XBP-1 is required for biogenesis of cellular secretory machinery of exocrine glands. EMBO Journal, 2005, 24, 4368-4380.	7.8	391
9	Spliced X-Box Binding Protein 1 Couples the Unfolded Protein Response to Hexosamine Biosynthetic Pathway. Cell, 2014, 156, 1179-1192.	28.9	317
10	Silencing of Lipid Metabolism Genes through IRE1Î±-Mediated mRNA Decay Lowers Plasma Lipids in Mice. Cell Metabolism, 2012, 16, 487-499.	16.2	239
11	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
12	The transcription factor cyclic AMPâ€“responsive elementâ€“binding protein H regulates triglyceride metabolism. Nature Medicine, 2011, 17, 812-815.	30.7	174
13	IRE1Î± is an endogenous substrate of endoplasmic-reticulum-associated degradation. Nature Cell Biology, 2015, 17, 1546-1555.	10.3	173
14	The transcription factor XBP1 is selectively required for eosinophil differentiation. Nature Immunology, 2015, 16, 829-837.	14.5	154
15	IRE1Î± activation protects mice against acetaminophen-induced hepatotoxicity. Journal of Experimental Medicine, 2012, 209, 307-318.	8.5	133
16	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
17	Transcriptional activation of Fsp27 by the liverâ€enriched transcription factor CREBH promotes lipid droplet growth and hepatic steatosis. Hepatology, 2015, 61, 857-869.	7.3	79
18	Extensive Pancreas Regeneration Following Acinar-Specific Disruption of Xbp1 in Mice. Gastroenterology, 2011, 141, 1463-1472.	1.3	77

#	Article	IF	Citations
19	CREBH-FGF21 axis improves hepatic steatosis by suppressing adipose tissue lipolysis. Scientific Reports, 2016, 6, 27938.	3.3	51
20	Transcriptional regulation of apolipoprotein A-IV by the transcription factor CREBH. Journal of Lipid Research, 2014, 55, 850-859.	4.2	42
21	XBP1-KLF9 Axis Acts as a Molecular Rheostat to Control the Transition from Adaptive to Cytotoxic Unfolded Protein Response. Cell Reports, 2018, 25, 212-223.e4.	6.4	40
22	Essential Role of X-Box Binding Protein-1 during Endoplasmic Reticulum Stress in Podocytes. Journal of the American Society of Nephrology: JASN, 2016, 27, 1055-1065.	6.1	37
23	MIST1 Links Secretion and Stress as both Target and Regulator of the Unfolded Protein Response. Molecular and Cellular Biology, 2016, 36, 2931-2944.	2.3	33
24	The role of CREB-H transcription factor in triglyceride metabolism. Current Opinion in Lipidology, 2012, 23, 141-146.	2.7	31
25	Preemptive Activation of the Integrated Stress Response Protects Mice From Dietâ€Induced Obesity and Insulin Resistance by Fibroblast Growth Factor 21 Induction. Hepatology, 2018, 68, 2167-2181.	7.3	28
26	IRE1Î±-Dependent Decay of CReP/Ppp1r15b mRNA Increases Eukaryotic Initiation Factor 2Î± Phosphorylation and Suppresses Protein Synthesis. Molecular and Cellular Biology, 2015, 35, 2761-2770.	2.3	26
27	The Differential Expression of Cide Family Members is Associated with Nafld Progression from Steatosis to Steatohepatitis. Scientific Reports, 2019, 9, 7501.	3.3	26
28	Heteroclitic XBP1 peptides evoke tumor-specific memory cytotoxic T lymphocytes against breast cancer, colon cancer, and pancreatic cancer cells. OncoImmunology, 2014, 3, e970914.	4.6	21
29	Loss of Transcription Factor CREBH Accelerates Diet-Induced Atherosclerosis in Ldlr ^{â^'/â^'} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1772-1781.	2.4	21
30	Very Low Density Lipoprotein Assembly Is Required for cAMP-responsive Element-binding Protein H Processing and Hepatic Apolipoprotein A-IV Expression. Journal of Biological Chemistry, 2016, 291, 23793-23803.	3.4	17
31	Critical role of XBP1Âin cancer signalling is regulated by PIN1. Biochemical Journal, 2016, 473, 2603-2610.	3.7	14
32	Transcriptional profiling of PPARÎ±â^'/â^' and CREB3L3â^'/â^' livers reveals disparate regulation of hepatoproliferative and metabolic functions of PPARÎ±. BMC Genomics, 2019, 20, 199.	2.8	14
33	Spliced XBP1 Rescues Renal Interstitial Inflammation Due to Loss of Sec63 in Collecting Ducts. Journal of the American Society of Nephrology: JASN, 2019, 30, 443-459.	6.1	14
34	Novel Myeloma-Specific Multiple Peptides Able to Generate Cytotoxic T Lymphocytes: Potential Therapeutic Application in Multiple Myeloma and Other Plasma Cell Disorders,. Blood, 2011, 118, 3990-3990.	1.4	13
35	Lenalidomide Polarizes Th1-specific Anti-tumor Immune Response and Expands XBP1 Antigen-Specific Central Memory CD3+CD8+ T cells against Various Solid Tumors. Journal of Leukemia (Los Angeles,) Tj ETQq1 1 0.784314 rgBT /Overlo		
36	Inducible hepatic expression of CREBH mitigates diet-induced obesity, insulin resistance, and hepatic steatosis in mice. Journal of Biological Chemistry, 2021, 297, 100815.	3.4	6