

Liu Yang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10443188/liu-yang-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

20
papers

1,281
citations

18
h-index

21
g-index

21
ext. papers

1,511
ext. citations

7.3
avg, IF

3.82
L-index

#	Paper	IF	Citations
20	The metabolic ER stress sensor IRE1 β suppresses alternative activation of macrophages and impairs energy expenditure in obesity. <i>Nature Immunology</i> , 2017 , 18, 519-529	19.1	183
19	Activation of natural killer T cells promotes M2 Macrophage polarization in adipose tissue and improves systemic glucose tolerance via interleukin-4 (IL-4)/STAT6 protein signaling axis in obesity. <i>Journal of Biological Chemistry</i> , 2012 , 287, 13561-71	5.4	155
18	Fibroblast growth factor 21 is regulated by the IRE1 β XBP1 branch of the unfolded protein response and counteracts endoplasmic reticulum stress-induced hepatic steatosis. <i>Journal of Biological Chemistry</i> , 2014 , 289, 29751-65	5.4	125
17	Gr-1+ CD11b+ myeloid-derived suppressor cells suppress inflammation and promote insulin sensitivity in obesity. <i>Journal of Biological Chemistry</i> , 2011 , 286, 23591-9	5.4	111
16	Short term high fat diet challenge promotes alternative macrophage polarization in adipose tissue via natural killer T cells and interleukin-4. <i>Journal of Biological Chemistry</i> , 2012 , 287, 24378-86	5.4	107
15	Hepatic IRE1 β regulates fasting-induced metabolic adaptive programs through the XBP1s-PPAR α axis signalling. <i>Nature Communications</i> , 2014 , 5, 3528	17.4	97
14	Emerging roles for XBP1, a sUPeR transcription factor. <i>Gene Expression</i> , 2010 , 15, 13-25	3.4	78
13	Stressed out about obesity: IRE1 β XBP1 in metabolic disorders. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 374-81	8.8	63
12	Deficiency of suppressor enhancer Lin12 1 like (SEL1L) in mice leads to systemic endoplasmic reticulum stress and embryonic lethality. <i>Journal of Biological Chemistry</i> , 2010 , 285, 13694-703	5.4	57
11	A Phos-tag-based approach reveals the extent of physiological endoplasmic reticulum stress. <i>PLoS ONE</i> , 2010 , 5, e11621	3.7	52
10	Role for the endoplasmic reticulum stress sensor IRE1 β in liver regenerative responses. <i>Journal of Hepatology</i> , 2015 , 62, 590-8	13.4	47
9	The IRE1 β XBP1 pathway regulates metabolic stress-induced compensatory proliferation of pancreatic β cells. <i>Cell Research</i> , 2014 , 24, 1137-40	24.7	37
8	Impact of Dietary Interventions on Noncoding RNA Networks and mRNAs Encoding Chromatin-Related Factors. <i>Cell Reports</i> , 2017 , 18, 2957-2968	10.6	31
7	Detecting and quantitating physiological endoplasmic reticulum stress. <i>Methods in Enzymology</i> , 2011 , 490, 137-46	1.7	29
6	The Sel1L-Hrd1 Endoplasmic Reticulum-Associated Degradation Complex Manages a Key Checkpoint in B Cell Development. <i>Cell Reports</i> , 2016 , 16, 2630-2640	10.6	27
5	Adipocyte spliced form of X-box-binding protein 1 promotes adiponectin multimerization and systemic glucose homeostasis. <i>Diabetes</i> , 2014 , 63, 867-79	0.9	24
4	c-Jun amino-terminal kinase-1 mediates glucose-responsive upregulation of the RNA editing enzyme ADAR2 in pancreatic beta-cells. <i>PLoS ONE</i> , 2012 , 7, e48611	3.7	20

3	Phenformin activates the unfolded protein response in an AMP-activated protein kinase (AMPK)-dependent manner. <i>Journal of Biological Chemistry</i> , 2013 , 288, 13631-8	5.4	19
2	Metabolomics Insights into the Modulatory Effects of Long-Term Low Calorie Intake in Mice. <i>Journal of Proteome Research</i> , 2016 , 15, 2299-308	5.6	11
1	Adipose tissue macrophage in immune regulation of metabolism. <i>Science China Life Sciences</i> , 2016 , 59, 1232-1240	8.5	8