

Liu Yang

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.

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	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
19	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
18	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
17	Adipose tissue macrophage in immune regulation of metabolism. <i>Science China Life Sciences</i> , 2016 , 59, 1232-1240	8.5	8
16	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
15	Role for the endoplasmic reticulum stress sensor IRE1 α in liver regenerative responses. <i>Journal of Hepatology</i> , 2015 , 62, 590-8	13.4	47
14	The IRE1 α -XBP1 pathway regulates metabolic stress-induced compensatory proliferation of pancreatic β cells. <i>Cell Research</i> , 2014 , 24, 1137-40	24.7	37
13	Hepatic IRE1 α regulates fasting-induced metabolic adaptive programs through the XBP1s-PPAR α axis signalling. <i>Nature Communications</i> , 2014 , 5, 3528	17.4	97
12	Fibroblast growth factor 21 is regulated by the IRE1 α -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
11	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
10	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
9	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
8	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
7	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
6	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
5	Stressed out about obesity: IRE1 α -XBP1 in metabolic disorders. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 374-81	8.8	63
4	Detecting and quantitating physiological endoplasmic reticulum stress. <i>Methods in Enzymology</i> , 2011 , 490, 137-46	1.7	29

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| 3 | 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 |
| 2 | Emerging roles for XBP1, a sUPeR transcription factor. <i>Gene Expression</i> , 2010 , 15, 13-25 | 3-4 | 78 |
| 1 | A Phos-tag-based approach reveals the extent of physiological endoplasmic reticulum stress. <i>PLoS ONE</i> , 2010 , 5, e11621 | 3-7 | 52 |