

# Shengyi Sun

## List of Publications by Citations

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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.

24  
papers

1,335  
citations

18  
h-index

28  
g-index

28  
ext. papers

1,607  
ext. citations

10.3  
avg, IF

4.06  
L-index

#	Paper	IF	Citations
24	Mechanisms of inflammatory responses in obese adipose tissue. <i>Annual Review of Nutrition</i> , <b>2012</b> , 32, 261-86	9.9	207
23	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> , <b>2012</b> , 287, 13561-71	5.4	155
22	IRE1 $\alpha$ is an endogenous substrate of endoplasmic-reticulum-associated degradation. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 1546-55	23.4	115
21	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> , <b>2012</b> , 287, 24378-86	5.4	107
20	Sel1L is indispensable for mammalian endoplasmic reticulum-associated degradation, endoplasmic reticulum homeostasis, and survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E582-91	11.5	101
19	Emerging roles for XBP1, a sUPeR transcription factor. <i>Gene Expression</i> , <b>2010</b> , 15, 13-25	3.4	78
18	High-Resolution Metabolomics with Acyl-CoA Profiling Reveals Widespread Remodeling in Response to Diet. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 1489-500	7.6	68
17	The ER-associated degradation adaptor protein Sel1L regulates LPL secretion and lipid metabolism. <i>Cell Metabolism</i> , <b>2014</b> , 20, 458-70	24.6	62
16	FGF21 Is an Exocrine Pancreas Secretagogue. <i>Cell Metabolism</i> , <b>2017</b> , 25, 472-480	24.6	58
15	The ATP-P2X7 signaling axis is dispensable for obesity-associated inflammasome activation in adipose tissue. <i>Diabetes</i> , <b>2012</b> , 61, 1471-8	0.9	58
14	A Phos-tag-based approach reveals the extent of physiological endoplasmic reticulum stress. <i>PLoS ONE</i> , <b>2010</b> , 5, e11621	3.7	52
13	14-3-3 Protein regulates cell adhesion in the seminiferous epithelium of rat testes. <i>Endocrinology</i> , <b>2009</b> , 150, 4713-23	4.8	51
12	14-3-3 and its binding partners are regulators of protein-protein interactions during spermatogenesis. <i>Journal of Endocrinology</i> , <b>2009</b> , 202, 327-36	4.7	38
11	ER-associated degradation is required for vasopressin prohormone processing and systemic water homeostasis. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3897-3912	15.9	37
10	Diet-induced alterations in gut microflora contribute to lethal pulmonary damage in TLR2/TLR4-deficient mice. <i>Cell Reports</i> , <b>2014</b> , 8, 137-49	10.6	35
9	Toll-like receptors TLR2 and TLR4 block the replication of pancreatic $\beta$ cells in diet-induced obesity. <i>Nature Immunology</i> , <b>2019</b> , 20, 677-686	19.1	30
8	Hepatic Sel1L-Hrd1 ER-associated degradation (ERAD) manages FGF21 levels and systemic metabolism via CREBH. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	27

7	Epithelial Sel1L is required for the maintenance of intestinal homeostasis. <i>Molecular Biology of the Cell</i> , <b>2016</b> , 27, 483-90	3.5	23
6	ER-associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity. <i>Blood</i> , <b>2020</b> , 136, 2975-2986	2.2	12
5	The orphan nuclear receptor SHP regulates ER stress response by inhibiting XBP1s degradation. <i>Genes and Development</i> , <b>2019</b> , 33, 1083-1094	12.6	10
4	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 1162-1169	23.4	6
3	Endoplasmic reticulum-associated degradation is required for nephrin maturation and kidney glomerular filtration function. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	3
2	Endoplasmic reticulum associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity		1
1	Cellular abundance of sodium phosphate co-transporter SLC20A1/Pi1 and phosphate uptake are controlled post-transcriptionally by ESCRT.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101945	5.4	0