

Shengyi Sun

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.

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	Cellular abundance of sodium phosphate co-transporter SLC20A1/Pi1 and phosphate uptake are controlled post-transcriptionally by ESCRT.. <i>Journal of Biological Chemistry</i> , 2022 , 101945	5.4	0
23	Endoplasmic reticulum-associated degradation is required for nephrin maturation and kidney glomerular filtration function. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	3
22	ER-associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity. <i>Blood</i> , 2020 , 136, 2975-2986	2.2	12
21	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. <i>Nature Cell Biology</i> , 2020 , 22, 1162-1169	23.4	6
20	Toll-like receptors TLR2 and TLR4 block the replication of pancreatic β cells in diet-induced obesity. <i>Nature Immunology</i> , 2019 , 20, 677-686	19.1	30
19	The orphan nuclear receptor SHP regulates ER stress response by inhibiting XBP1s degradation. <i>Genes and Development</i> , 2019 , 33, 1083-1094	12.6	10
18	Hepatic Sel1L-Hrd1 ER-associated degradation (ERAD) manages FGF21 levels and systemic metabolism via CREBH. <i>EMBO Journal</i> , 2018 , 37,	13	27
17	FGF21 Is an Exocrine Pancreas Secretagogue. <i>Cell Metabolism</i> , 2017 , 25, 472-480	24.6	58
16	ER-associated degradation is required for vasopressin prohormone processing and systemic water homeostasis. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3897-3912	15.9	37
15	Epithelial Sel1L is required for the maintenance of intestinal homeostasis. <i>Molecular Biology of the Cell</i> , 2016 , 27, 483-90	3.5	23
14	IRE1 β is an endogenous substrate of endoplasmic-reticulum-associated degradation. <i>Nature Cell Biology</i> , 2015 , 17, 1546-55	23.4	115
13	High-Resolution Metabolomics with Acyl-CoA Profiling Reveals Widespread Remodeling in Response to Diet. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1489-500	7.6	68
12	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> , 2014 , 111, E582-91	11.5	101
11	Diet-induced alterations in gut microflora contribute to lethal pulmonary damage in TLR2/TLR4-deficient mice. <i>Cell Reports</i> , 2014 , 8, 137-49	10.6	35
10	The ER-associated degradation adaptor protein Sel1L regulates LPL secretion and lipid metabolism. <i>Cell Metabolism</i> , 2014 , 20, 458-70	24.6	62
9	Mechanisms of inflammatory responses in obese adipose tissue. <i>Annual Review of Nutrition</i> , 2012 , 32, 261-86	9.9	207
8	The ATP-P2X7 signaling axis is dispensable for obesity-associated inflammasome activation in adipose tissue. <i>Diabetes</i> , 2012 , 61, 1471-8	0.9	58

7	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
6	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
5	Emerging roles for XBP1, a sUPeR transcription factor. <i>Gene Expression</i> , 2010 , 15, 13-25	3.4	78
4	A Phos-tag-based approach reveals the extent of physiological endoplasmic reticulum stress. <i>PLoS ONE</i> , 2010 , 5, e11621	3.7	52
3	14-3-3 Protein regulates cell adhesion in the seminiferous epithelium of rat testes. <i>Endocrinology</i> , 2009 , 150, 4713-23	4.8	51
2	14-3-3 and its binding partners are regulators of protein-protein interactions during spermatogenesis. <i>Journal of Endocrinology</i> , 2009 , 202, 327-36	4.7	38
1	Endoplasmic reticulum associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity		1