Ling Qi

List of Publications by Year
in descending order

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84 papers	7,415 citations	61687 45 h-index	66518 82 g-index
87 all docs	87 docs citations	87 times ranked	13091 citing authors

#	Article	IF	Citations
1	Lipoprotein Lipase and Its Regulators: An Unfolding Story. Trends in Endocrinology and Metabolism, 2021, 32, 48-61.	3.1	86
2	Endoplasmic reticulumâ€“associated degradation is required for nephrin maturation and kidney glomerular filtration function. Journal of Clinical Investigation, 2021, 131, .	3.9	21
3	Transcription- and phosphorylation-dependent control of a functional interplay between XBP1s and PINK1 governs mitophagy and potentially impacts Parkinson disease pathophysiology. Autophagy, 2021, 17, 4363-4385.	4.3	26
4	Notch-induced endoplasmic reticulum-associated degradation governs mouse thymocyte Î²âˆ’selection. ELife, 2021, 10, .	2.8	13
5	Normal and defective pathways in biogenesis and maintenance of the insulin storage pool. Journal of Clinical Investigation, 2021, 131, .	3.9	39
6	NOTCH3 is non-enzymatically fragmented in inherited cerebral small-vessel disease. Journal of Biological Chemistry, 2020, 295, 1960-1972.	1.6	16
7	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. Nature Cell Biology, 2020, 22, 1162-1169.	4.6	32
8	ER-associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity. Blood, 2020, 136, 2975-2986.	0.6	40
9	Endoplasmic Reticulum Protein Quality Control in Î² Cells. Seminars in Cell and Developmental Biology, 2020, 103, 59-67.	2.3	22
10	The obesity-induced adipokine sST2 exacerbates adipose T _{reg} and ILC2 depletion and promotes insulin resistance. Science Advances, 2020, 6, eaay6191.	4.7	43
11	Endoplasmic reticulumâ€“associated degradation regulates mitochondrial dynamics in brown adipocytes. Science, 2020, 368, 54-60.	6.0	107
12	Selective EMC subunits act as molecular tethers of intracellular organelles exploited during viral entry. Nature Communications, 2020, 11, 1127.	5.8	17
13	Sel1L-Hrd1 ER-associated degradation maintains Î² cell identity via TGF-Î² signaling. Journal of Clinical Investigation, 2020, 130, 3499-3510.	3.9	52
14	Landscape of Intercellular Crosstalk in Healthy and NASH Liver Revealed by Single-Cell Secretome Gene Analysis. Molecular Cell, 2019, 75, 644-660.e5.	4.5	488
15	Medullary thymic epithelial NFâ€“κB-inducing kinase (NIK)/IKKÎ± pathway shapes autoimmunity and liver and lung homeostasis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19090-19097.	3.3	25
16	Toll-like receptors TLR2 and TLR4 block the replication of pancreatic Î² cells in diet-induced obesity. Nature Immunology, 2019, 20, 677-686.	7.0	48
17	Intrinsic Structural Features of the Human IRE1Î± Transmembrane Domain Sense Membrane Lipid Saturation. Cell Reports, 2019, 27, 307-320.e5.	2.9	34
18	ER-associated degradation in health and disease â€“ from substrate to organism. Journal of Cell Science, 2019, 132, .	1.2	72

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19	Requirement for translocon-associated protein (TRAP) Î± in insulin biogenesis. Science Advances, 2019, 5, eaax0292.	4.7	21
20	Misfolded proinsulin in the endoplasmic reticulum during development of beta cell failure in diabetes. Annals of the New York Academy of Sciences, 2018, 1418, 5-19.	1.8	57
21	Designing a retrievable and scalable cell encapsulation device for potential treatment of type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E263-E272.	3.3	137
22	Hepatic Sel1Lâ€Hrd1 ERâ€associated degradation (ERAD) manages FGF21 levels and systemic metabolism via CREBH. EMBO Journal, 2018, 37, .	3.5	55
23	Coordinate regulation of mutant NPC1 degradation by selective ER autophagy and MARCH6-dependent ERAD. Nature Communications, 2018, 9, 3671.	5.8	82
24	Quality Control in the Endoplasmic Reticulum: Crosstalk between ERAD and UPR pathways. Trends in Biochemical Sciences, 2018, 43, 593-605.	3.7	342
25	IRE1Î± governs cytoskeleton remodelling and cell migration through a direct interaction with filamin A. Nature Cell Biology, 2018, 20, 942-953.	4.6	98
26	Hypothalamic ERâ€“associated degradation regulates POMC maturation, feeding, and age-associated obesity. Journal of Clinical Investigation, 2018, 128, 1125-1140.	3.9	54
27	PERK and XBP1 differentially regulate CXCL10 and CCL2 production. Experimental Eye Research, 2017, 155, 1-14.	1.2	20
28	New Insights into the Physiological Role of Endoplasmic Reticulum-Associated Degradation. Trends in Cell Biology, 2017, 27, 430-440.	3.6	167
29	Hypoxia-Inducible Lipid Dropletâ€“Associated Is Not a Direct Physiological Regulator of Lipolysis in Adipose Tissue. Endocrinology, 2017, 158, 1231-1251.	1.4	24
30	Feeding Angptl4â^'/â^' mice trans fat promotes foam cell formation in mesenteric lymph nodes without leading to ascites. Journal of Lipid Research, 2017, 58, 1100-1113.	2.0	22
31	ER-associated degradation is required for vasopressin prohormone processing and systemic water homeostasis. Journal of Clinical Investigation, 2017, 127, 3897-3912.	3.9	63
32	The Sel1L-Hrd1 Endoplasmic Reticulum-Associated Degradation Complex Manages a Key Checkpoint in B Cell Development. Cell Reports, 2016, 16, 2630-2640.	2.9	43
33	Epithelial Sel1L is required for the maintenance of intestinal homeostasis. Molecular Biology of the Cell, 2016, 27, 483-490.	0.9	36
34	High-Resolution Metabolomics with Acyl-CoA Profiling Reveals Widespread Remodeling in Response to Diet*. Molecular and Cellular Proteomics, 2015, 14, 1489-1500.	2.5	95
35	A CRISPR-Based Screen Identifies Genes Essential for West-Nile-Virus-Induced Cell Death. Cell Reports, 2015, 12, 673-683.	2.9	207
36	Fish Oilâ€“Rich Diet Promotes Hematopoiesis and Alters Hematopoietic Niche. Endocrinology, 2015, 156, 2821-2830.	1.4	30

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37	Endoplasmic reticulum quality control in cancer: Friend or foe. Seminars in Cancer Biology, 2015, 33, 25-33.	4.3	62
38	IRE1Î± is an endogenous substrate of endoplasmic-reticulum-associated degradation. Nature Cell Biology, 2015, 17, 1546-1555.	4.6	173
39	Developing robust, hydrogel-based, nanofiber-enabled encapsulation devices (NEEDs) for cell therapies. Biomaterials, 2015, 37, 40-48.	5.7	81
40	Hypoxia-inducible Lipid Droplet-associated (HILPDA) Is a Novel Peroxisome Proliferator-activated Receptor (PPAR) Target Involved in Hepatic Triglyceride Secretion. Journal of Biological Chemistry, 2014, 289, 19279-19293.	1.6	61
41	Adipocyte Spliced Form of X-Boxâ€“Binding Protein 1 Promotes Adiponectin Multimerization and Systemic Glucose Homeostasis. Diabetes, 2014, 63, 867-879.	0.3	33
42	Sel1L is indispensable for mammalian endoplasmic reticulum-associated degradation, endoplasmic reticulum homeostasis, and survival. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E582-91.	3.3	148
43	Diet-Induced Alterations in Gut Microflora Contribute to Lethal Pulmonary Damage in TLR2/TLR4-Deficient Mice. Cell Reports, 2014, 8, 137-149.	2.9	43
44	Chronic intake of high fish oil diet induces myeloid-derived suppressor cells to promote tumor growth. Cancer Immunology, Immunotherapy, 2014, 63, 663-673.	2.0	17
45	Overexpression of TRB3 in muscle alters muscle fiber type and improves exercise capacity in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R925-R933.	0.9	26
46	The ER-Associated Degradation Adaptor Protein Sel1L Regulates LPL Secretion and Lipid Metabolism. Cell Metabolism, 2014, 20, 458-470.	7.2	92
47	Tipping the Balance in Metabolic Regulation: Regulating Regulatory T Cells by Costimulation. Diabetes, 2014, 63, 1179-1181.	0.3	2
48	Phenformin Activates the Unfolded Protein Response in an AMP-activated Protein Kinase (AMPK)-dependent Manner. Journal of Biological Chemistry, 2013, 288, 13631-13638.	1.6	22
49	ER-stress-associated functional link between Parkin and DJ-1 via a transcriptional cascade involving the tumor suppressor p53 and the spliced X-box binding protein XBP-1. Journal of Cell Science, 2013, 126, 2124-33.	1.2	65
50	Direct control of hepatic glucose production by interleukin-13 in mice. Journal of Clinical Investigation, 2013, 123, 261-271.	3.9	116
51	The Transcriptional Co-Regulator HCF-1 Is Required for INS-1 Î²-cell Glucose-Stimulated Insulin Secretion. PLoS ONE, 2013, 8, e78841.	1.1	7
52	A Conserved Structural Determinant Located at the Interdomain Region of Mammalian IRE1Î±. FASEB Journal, 2013, 27, 794.18.	0.2	0
53	The ATP-P2X7 Signaling Axis Is Dispensable for Obesity-Associated Inflammasome Activation in Adipose Tissue. Diabetes, 2012, 61, 1471-1478.	0.3	62
54	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. Journal of Biological Chemistry, 2012, 287, 13561-13571.	1.6	182

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55	Short Term High Fat Diet Challenge Promotes Alternative Macrophage Polarization in Adipose Tissue via Natural Killer T Cells and Interleukin-4. Journal of Biological Chemistry, 2012, 287, 24378-24386.	1.6	128
56	Nonmuscle Myosin IIB Links Cytoskeleton to IRE1Î± Signaling during ER Stress. Developmental Cell, 2012, 23, 1141-1152.	3.1	54
57	The Full Capacity of AICAR to Reduce Obesity-Induced Inflammation and Insulin Resistance Requires Myeloid SIRT1. PLoS ONE, 2012, 7, e49935.	1.1	47
58	Mechanisms of Inflammatory Responses in Obese Adipose Tissue. Annual Review of Nutrition, 2012, 32, 261-286.	4.3	242
59	Gr-1+ CD11b+ Myeloid-derived Suppressor Cells Suppress Inflammation and Promote Insulin Sensitivity in Obesity. Journal of Biological Chemistry, 2011, 286, 23591-23599.	1.6	140
60	Stressed out about obesity: IRE1Î±â€“XBP1 in metabolic disorders. Trends in Endocrinology and Metabolism, 2011, 22, 374-381.	3.1	76
61	Detecting and Quantitating Physiological Endoplasmic Reticulum Stress. Methods in Enzymology, 2011, 490, 137-146.	0.4	36
62	A Conserved Structural Determinant Located at the Interdomain Region of Mammalian Inositol-requiring Enzyme 1Î±. Journal of Biological Chemistry, 2011, 286, 30859-30866.	1.6	41
63	Haploid Insufficiency of Suppressor Enhancer Lin12 1-like (SEL1L) Protein Predisposes Mice to High Fat Diet-induced Hyperglycemia. Journal of Biological Chemistry, 2011, 286, 22275-22282.	1.6	11
64	PKA phosphorylation couples hepatic inositol-requiring enzyme 1Î± to glucagon signaling in glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15852-15857.	3.3	76
65	Emerging Roles for XBP1, a sUPeR Transcription Factor. Gene Expression, 2010, 15, 13-25.	0.5	93
66	SUMO modification regulates the transcriptional activity of XBP1. Biochemical Journal, 2010, 429, 95-102.	1.7	61
67	Deficiency of Suppressor Enhancer Lin12 1 Like (SEL1L) in Mice Leads to Systemic Endoplasmic Reticulum Stress and Embryonic Lethality. Journal of Biological Chemistry, 2010, 285, 13694-13703.	1.6	76
68	XBP-1 Couples Endoplasmic Reticulum Stress to Augmented IFN-Î² Induction via a cis-Acting Enhancer in Macrophages. Journal of Immunology, 2010, 185, 2324-2330.	0.4	110
69	The Roles of ATF3, an Adaptive-Response Gene, in High-Fat-Diet-Induced Diabetes and Pancreatic Î²-Cell Dysfunction. Molecular Endocrinology, 2010, 24, 1423-1433.	3.7	77
70	Angptl4 Protects against Severe Proinflammatory Effects of Saturated Fat by Inhibiting Fatty Acid Uptake into Mesenteric Lymph Node Macrophages. Cell Metabolism, 2010, 12, 580-592.	7.2	225
71	The pseudokinase tribbles homolog 3 interacts with ATF4 to negatively regulate insulin exocytosis in human and mouse Î² cells. Journal of Clinical Investigation, 2010, 120, 2876-2888.	3.9	113
72	A Phos-Tag-Based Approach Reveals the Extent of Physiological Endoplasmic Reticulum Stress. PLoS ONE, 2010, 5, e11621.	1.1	67

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73	Adipocyte CREB Promotes Insulin Resistance in Obesity. Cell Metabolism, 2009, 9, 277-286.	7.2	157
74	The IRE1Î±-XBP1 Pathway of the Unfolded Protein Response Is Required for Adipogenesis. Cell Metabolism, 2009, 9, 556-564.	7.2	235
75	TRB3 Links the E3 Ubiquitin Ligase COP1 to Lipid Metabolism. Science, 2006, 312, 1763-1766.	6.0	286
76	Telomere fusion to chromosome breaks reduces oncogenic translocations and tumour formation. Nature Cell Biology, 2005, 7, 706-711.	4.6	28
77	The CREB coactivator TORC2 is a key regulator of fasting glucose metabolism. Nature, 2005, 437, 1109-1114.	13.7	888
78	Invariant Chain and the MHC Class II Cytoplasmic Domains Regulate Localization of MHC Class II Molecules to Lipid Rafts in Tumor Cell-Based Vaccines. Journal of Immunology, 2004, 172, 907-914.	0.4	8
79	Short telomeres and ataxia-telangiectasia mutated deficiency cooperatively increase telomere dysfunction and suppress tumorigenesis. Cancer Research, 2003, 63, 8188-96.	0.4	56
80	Immunologic Targets for the Gene Therapy of Cancer. , 2002, , 127-142.		2
81	H2-O Inhibits Presentation of Bacterial Superantigens, but Not Endogenous Self Antigens. Journal of Immunology, 2001, 167, 1371-1378.	0.4	14
82	MHC Class II Presentation of Endogenous Tumor Antigen by Cellular Vaccines Depends on the Endocytic Pathway but not H2-M. Traffic, 2000, 1, 152-160.	1.3	25
83	Tumor Cells Present MHC Class II-Restricted Nuclear and Mitochondrial Antigens and Are the Predominant Antigen Presenting Cells In Vivo. Journal of Immunology, 2000, 165, 5451-5461.	0.4	64
84	Cell-based vaccines for the stimulation of immunity to metastatic cancers. Immunological Reviews, 1999, 170, 101-114.	2.8	48