

# Yong Liu

## List of Publications by Year in descending order

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68  
papers

4,516  
citations

94381

37  
h-index

106281

65  
g-index

70  
all docs

70  
docs citations

70  
times ranked

7729  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ER stress sensor inositol-requiring enzyme 1 $\alpha$ in Kupffer cells promotes hepatic ischemia-reperfusion injury. <i>Journal of Biological Chemistry</i> , 2022, 298, 101532.	1.6	12
2	Ablation of Plasma Prekallikrein Decreases Low-Density Lipoprotein Cholesterol by Stabilizing Low-Density Lipoprotein Receptor and Protects Against Atherosclerosis. <i>Circulation</i> , 2022, 145, 675-687.	1.6	22
3	Phosphorylation at Ser724 of the ER stress sensor IRE1 $\alpha$ governs its activation state and limits ER stress $\alpha$ -induced hepatosteatosis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101997.	1.6	3
4	Energy metabolism in brown adipose tissue. <i>FEBS Journal</i> , 2021, 288, 3647-3662.	2.2	35
5	Hepatic NF $\kappa$ B $\alpha$ -inducing Kinase and Inhibitor of NF $\kappa$ B Kinase Subunit 1 $\alpha$ Promote Liver Oxidative Stress, Ferroptosis, and Liver Injury. <i>Hepatology Communications</i> , 2021, 5, 1704-1720.	2.0	19
6	Fat body Ire1 regulates lipid homeostasis through the Xbp1s-FoxO axis in <i>Drosophila</i> . <i>IScience</i> , 2021, 24, 102819.	1.9	9
7	IRE1 $\alpha$ regulates skeletal muscle regeneration through myostatin mRNA decay. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	22
8	Inflammation promotes adipocyte lipolysis via IRE1 kinase. <i>Journal of Biological Chemistry</i> , 2021, 296, 100440.	1.6	33
9	IL-27 signalling promotes adipocyte thermogenesis and energy expenditure. <i>Nature</i> , 2021, 600, 314-318.	13.7	70
10	Beneficial effect of ER stress preconditioning in protection against FFA-induced adipocyte inflammation via XBP1 in 3T3-L1 adipocytes. <i>Molecular and Cellular Biochemistry</i> , 2020, 463, 45-55.	1.4	8
11	Hypoxic ER stress suppresses $\beta$ -catenin expression and promotes cooperation between the transcription factors XBP1 and HIF1 $\alpha$ for cell survival. <i>Journal of Biological Chemistry</i> , 2019, 294, 13811-13821.	1.6	31
12	IRE1 promotes neurodegeneration through autophagy-dependent neuron death in the <i>Drosophila</i> model of Parkinson $\alpha$ 's disease. <i>Cell Death and Disease</i> , 2019, 10, 800.	2.7	41
13	Emerging roles for the ER stress sensor IRE1 $\alpha$ in metabolic regulation and disease. <i>Journal of Biological Chemistry</i> , 2019, 294, 18726-18741.	1.6	94
14	Medullary thymic epithelial NF $\kappa$ B-inducing kinase (NIK)/IKK $\alpha$ pathway shapes autoimmunity and liver and lung homeostasis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19090-19097.	3.3	25
15	Coupling of COPII vesicle trafficking to nutrient availability by the IRE1 $\alpha$ -XBP1s axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11776-11785.	3.3	35
16	Dual role for inositol $\alpha$ -requiring enzyme 1 $\alpha$ in promoting the development of hepatocellular carcinoma during diet $\alpha$ -induced obesity in mice. <i>Hepatology</i> , 2018, 68, 533-546.	3.6	47
17	PIP4K2A regulates intracellular cholesterol transport through modulating PI(4,5)P2 homeostasis. <i>Journal of Lipid Research</i> , 2018, 59, 507-514.	2.0	50
18	Hepatic regulation of VLDL receptor by PPAR $\alpha$ and FGF21 modulates non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , 2018, 8, 117-131.	3.0	77

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19	Insulin/Snail1 axis ameliorates fatty liver disease by epigenetically suppressing lipogenesis. <i>Nature Communications</i> , 2018, 9, 2751.	5.8	34
20	Hepatic NF- $\kappa$ B-inducing kinase (NIK) suppresses mouse liver regeneration in acute and chronic liver diseases. <i>ELife</i> , 2018, 7, .	2.8	28
21	Thymic NF- $\kappa$ B-inducing kinase regulates CD4+ T cell-elicited liver injury and fibrosis in mice. <i>Journal of Hepatology</i> , 2017, 67, 100-109.	1.8	39
22	Impact of Dietary Interventions on Noncoding RNA Networks and mRNAs Encoding Chromatin-Related Factors. <i>Cell Reports</i> , 2017, 18, 2957-2968.	2.9	42
23	The metabolic ER stress sensor IRE1 $\alpha$ suppresses alternative activation of macrophages and impairs energy expenditure in obesity. <i>Nature Immunology</i> , 2017, 18, 519-529.	7.0	279
24	Liver NF- $\kappa$ B-Inducing Kinase Promotes Liver Steatosis and Glucose Counterregulation in Male Mice With Obesity. <i>Endocrinology</i> , 2017, 158, 1207-1216.	1.4	34
25	Knockout of inositol-requiring enzyme 1 $\alpha$ in pro-opiomelanocortin neurons decreases fat mass via increasing energy expenditure. <i>Open Biology</i> , 2016, 6, 160131.	1.5	12
26	Adipose tissue macrophage in immune regulation of metabolism. <i>Science China Life Sciences</i> , 2016, 59, 1232-1240.	2.3	11
27	Metabolomics Insights into the Modulatory Effects of Long-Term Low Calorie Intake in Mice. <i>Journal of Proteome Research</i> , 2016, 15, 2299-2308.	1.8	14
28	Elevated plasma tumor necrosis factor- $\alpha$ receptor 2 and resistin are associated with increased incidence of kidney function decline in Chinese adults. <i>Endocrine</i> , 2016, 52, 541-549.	1.1	13
29	Role for the endoplasmic reticulum stress sensor IRE1 $\alpha$ in liver regenerative responses. <i>Journal of Hepatology</i> , 2015, 62, 590-598.	1.8	67
30	The Endoplasmic Reticulum Stress Sensor IRE1 $\alpha$ in Intestinal Epithelial Cells Is Essential for Protecting against Colitis. <i>Journal of Biological Chemistry</i> , 2015, 290, 15327-15336.	1.6	54
31	Fibroblast Growth Factor 21 Is Regulated by the IRE1 $\alpha$ -XBP1 Branch of the Unfolded Protein Response and Counteracts Endoplasmic Reticulum Stress-induced Hepatic Steatosis. <i>Journal of Biological Chemistry</i> , 2014, 289, 29751-29765.	1.6	147
32	Adipocyte Spliced Form of X-Box Binding Protein 1 Promotes Adiponectin Multimerization and Systemic Glucose Homeostasis. <i>Diabetes</i> , 2014, 63, 867-879.	0.3	33
33	Elevated Plasma Retinol-Binding Protein 4 Is Associated with Increased Risk of Type 2 Diabetes in Middle-Aged and Elderly Chinese Adults. <i>Journal of Nutrition</i> , 2014, 144, 722-728.	1.3	44
34	Leptin Signaling Is Required for Leucine Deprivation-enhanced Energy Expenditure. <i>Journal of Biological Chemistry</i> , 2014, 289, 1779-1787.	1.6	19
35	The IRE1 $\alpha$ -XBP1 pathway regulates metabolic stress-induced compensatory proliferation of pancreatic $\beta$ -cells. <i>Cell Research</i> , 2014, 24, 1137-1140.	5.7	49
36	Hepatic IRE1 $\alpha$ regulates fasting-induced metabolic adaptive programs through the XBP1s-PPAR $\alpha$ axis signalling. <i>Nature Communications</i> , 2014, 5, 3528.	5.8	126

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37	Structural modulation of gut microbiota in life-long calorie-restricted mice. <i>Nature Communications</i> , 2013, 4, 2163.	5.8	404
38	Herbal constituent sequoyitol improves hyperglycemia and glucose intolerance by targeting hepatocytes, adipocytes, and $\beta$ -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E932-E940.	1.8	21
39	Neuronal Cbl Controls Biosynthesis of Insulin-Like Peptides in <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Biology</i> , 2012, 32, 3610-3623.	1.1	14
40	A Role for Protein Inhibitor of Activated STAT1 (PIAS1) in Lipogenic Regulation through SUMOylation-independent Suppression of Liver X Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 37973-37985.	1.6	19
41	Midlife gene expressions identify modulators of aging through dietary interventions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1201-9.	3.3	57
42	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.	1.1	22
43	Leucine Deprivation Increases Hepatic Insulin Sensitivity via GCN2/mTOR/S6K1 and AMPK Pathways. <i>Diabetes</i> , 2011, 60, 746-756.	0.3	249
44	Research Advances at the Institute for Nutritional Sciences at Shanghai, China. <i>Advances in Nutrition</i> , 2011, 2, 428-439.	2.9	2
45	PKA phosphorylation couples hepatic inositol-requiring enzyme $1\beta$ to glucagon signaling in glucose metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15852-15857.	3.3	76
46	Adenosine Deaminases Acting on RNA, RNA Editing, and Interferon Action. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 99-117.	0.5	93
47	Calorie restriction and endurance exercise share potent anti-inflammatory function in adipose tissues in ameliorating diet-induced obesity and insulin resistance in mice. <i>Nutrition and Metabolism</i> , 2010, 7, 59.	1.3	41
48	ADAR2-dependent RNA editing of GluR2 is involved in thiamine deficiency-induced alteration of calcium dynamics. <i>Molecular Neurodegeneration</i> , 2010, 5, 54.	4.4	27
49	A Crucial Role for RACK1 in the Regulation of Glucose-Stimulated IRE1 $\beta$ Activation in Pancreatic $\beta$ Cells. <i>Science Signaling</i> , 2010, 3, ra7.	1.6	130
50	Deficiency in RNA editing enzyme ADAR2 impairs regulated exocytosis. <i>FASEB Journal</i> , 2010, 24, 3720-3732.	0.2	22
51	Signaling through Tyr <sup>985</sup> of Leptin Receptor as an Age/Diet-Dependent Switch in the Regulation of Energy Balance. <i>Molecular and Cellular Biology</i> , 2010, 30, 1650-1659.	1.1	27
52	Deficiency in hepatic ATP-citrate lyase affects VLDL-triglyceride mobilization and liver fatty acid composition in mice. <i>Journal of Lipid Research</i> , 2010, 51, 2516-2526.	2.0	53
53	SH2B Regulation of Growth, Metabolism, and Longevity in Both Insects and Mammals. <i>Cell Metabolism</i> , 2010, 11, 427-437.	7.2	88
54	RBP4 variants are significantly associated with plasma RBP4 levels and hypertriglyceridemia risk in Chinese Hans. <i>Journal of Lipid Research</i> , 2009, 50, 1479-1486.	2.0	32

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55	Self-Rated Health in middle-aged and elderly Chinese: distribution, determinants and associations with cardio-metabolic risk factors. <i>BMC Public Health</i> , 2009, 9, 368.	1.2	62
56	Abrogation of hepatic ATP-citrate lyase protects against fatty liver and ameliorates hyperglycemia in leptin receptor-deficient mice. <i>Hepatology</i> , 2009, 49, 1166-1175.	3.6	172
57	Associations of Physical Activity With Inflammatory Factors, Adipocytokines, and Metabolic Syndrome in Middle-Aged and Older Chinese People. <i>Circulation</i> , 2009, 119, 2969-2977.	1.6	115
58	Effects of a flaxseed-derived lignan supplement on C-reactive protein, IL-6 and retinol-binding protein 4 in type 2 diabetic patients. <i>British Journal of Nutrition</i> , 2009, 101, 1145-1149.	1.2	69
59	Leptin Contributes to the Adaptive Responses of Mice to High-Fat Diet Intake through Suppressing the Lipogenic Pathway. <i>PLoS ONE</i> , 2009, 4, e6884.	1.1	74
60	Ferritin Concentrations, Metabolic Syndrome, and Type 2 Diabetes in Middle-Aged and Elderly Chinese. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4690-4696.	1.8	171
61	Tyrosine-dependent and -independent actions of leptin receptor in control of energy balance and glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18619-18624.	3.3	55
62	Associations of resistin with inflammatory and fibrinolytic markers, insulin resistance, and metabolic syndrome in middle-aged and older Chinese. <i>European Journal of Endocrinology</i> , 2008, 159, 585-593.	1.9	59
63	Elevated Retinol-Binding Protein 4 Levels Are Associated with Metabolic Syndrome in Chinese People. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4827-4834.	1.8	191
64	Distributions of C-Reactive Protein and its Association With Metabolic Syndrome in Middle-Aged and Older Chinese People. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1798-1805.	1.2	166
65	RNA Editing by ADAR2 Is Metabolically Regulated in Pancreatic Islets and $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 33386-33394.	1.6	55
66	Editing of Glutamate Receptor Subunit B Pre-mRNA by Splice-site Variants of Interferon-inducible Double-stranded RNA-specific Adenosine Deaminase ADAR1. <i>Journal of Biological Chemistry</i> , 1999, 274, 5070-5077.	1.6	64
67	Serotonin-2C Receptor Pre-mRNA Editing in Rat Brain and in Vitro by Splice Site Variants of the Interferon-inducible Double-stranded RNA-specific Adenosine Deaminase ADAR1. <i>Journal of Biological Chemistry</i> , 1999, 274, 18351-18358.	1.6	86
68	Functionally Distinct Double-stranded RNA-binding Domains Associated with Alternative Splice Site Variants of the Interferon-inducible Double-stranded RNA-specific Adenosine Deaminase. <i>Journal of Biological Chemistry</i> , 1997, 272, 4419-4428.	1.6	121