

# Yuehua Li

## List of Publications by Year in descending order

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68  
papers

2,991  
citations

159585

30  
h-index

175258

52  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Irisin inhibits hepatic gluconeogenesis and increases glycogen synthesis via the PI3K/Akt pathway in type 2 diabetic mice and hepatocytes. <i>Clinical Science</i> , 2015, 129, 839-850.	4.3	263
2	NLRP3 inflammasome activation contributes to VSMC phenotypic transformation and proliferation in hypertension. <i>Cell Death and Disease</i> , 2017, 8, e3074-e3074.	6.3	179
3	FNDC5 overexpression and irisin ameliorate glucose/lipid metabolic derangements and enhance lipolysis in obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1867-1875.	3.8	168
4	NF- $\kappa$ B activation is required for the development of cardiac hypertrophy in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1712-H1720.	3.2	154
5	Reduced cardiac hypertrophy in toll-like receptor 4-deficient mice following pressure overload. <i>Cardiovascular Research</i> , 2005, 68, 224-234.	3.8	133
6	FNDC5 Alleviates Hepatosteatosis by Restoring AMPK/mTOR-Mediated Autophagy, Fatty Acid Oxidation, and Lipogenesis in Mice. <i>Diabetes</i> , 2016, 65, 3262-3275.	0.6	114
7	FNDC5 attenuates adipose tissue inflammation and insulin resistance via AMPK-mediated macrophage polarization in obesity. <i>Metabolism: Clinical and Experimental</i> , 2018, 83, 31-41.	3.4	105
8	Salusin- $\beta$ Promotes Vascular Smooth Muscle Cell Migration and Intimal Hyperplasia After Vascular Injury via ROS/NF- $\kappa$ B/MMP-9 Pathway. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 1045-1057.	5.4	94
9	MiR155-5p in adventitial fibroblasts-derived extracellular vesicles inhibits vascular smooth muscle cell proliferation via suppressing angiotensin-converting enzyme expression. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1698795.	12.2	89
10	NLRP3 Gene Deletion Attenuates Angiotensin II-Induced Phenotypic Transformation of Vascular Smooth Muscle Cells and Vascular Remodeling. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 2269-2280.	1.6	88
11	Blockade of MyD88 attenuates cardiac hypertrophy and decreases cardiac myocyte apoptosis in pressure overload-induced cardiac hypertrophy in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H985-H994.	3.2	76
12	$\beta$ -aminoisobutyric acid attenuates hepatic endoplasmic reticulum stress and glucose/lipid metabolic disturbance in mice with type 2 diabetes. <i>Scientific Reports</i> , 2016, 6, 21924.	3.3	73
13	Salusin- $\beta$ contributes to oxidative stress and inflammation in diabetic cardiomyopathy. <i>Cell Death and Disease</i> , 2017, 8, e2690-e2690.	6.3	67
14	The histone H3K9 methyltransferase SUV39H links SIRT1 repression to myocardial infarction. <i>Nature Communications</i> , 2017, 8, 14941.	12.8	67
15	Salusin- $\beta$ contributes to vascular remodeling associated with hypertension via promoting vascular smooth muscle cell proliferation and vascular fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1709-1718.	3.8	63
16	Exosome-Mediated Transfer of ACE (Angiotensin-Converting Enzyme) From Adventitial Fibroblasts of Spontaneously Hypertensive Rats Promotes Vascular Smooth Muscle Cell Migration. <i>Hypertension</i> , 2018, 72, 881-888.	2.7	56
17	Pellino1-mediated TGF- $\beta$ 1 synthesis contributes to mechanical stress induced cardiac fibroblast activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 145-156.	1.9	53
18	HSPA12B Attenuated Acute Myocardial Ischemia/reperfusion Injury via Maintaining Endothelial Integrity in a PI3K/Akt/mTOR-dependent Mechanism. <i>Scientific Reports</i> , 2016, 6, 33636.	3.3	49

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19	HSPA12A Is a Novel Player in Nonalcoholic Steatohepatitis via Promoting Nuclear PKM2-Mediated M1 Macrophage Polarization. <i>Diabetes</i> , 2019, 68, 361-376.	0.6	49
20	Histone Methyltransferase SET1 Mediates Angiotensin II-Induced Endothelin-1 Transcription and Cardiac Hypertrophy in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1207-1217.	2.4	47
21	HSPA12A attenuates lipopolysaccharide-induced liver injury through inhibiting caspase-11-mediated hepatocyte pyroptosis via PGC-1 $\alpha$ -dependent acyl-CoA oxidase expression. <i>Cell Death and Differentiation</i> , 2020, 27, 2651-2667.	11.2	45
22	Salusin- $\beta$ induces foam cell formation and monocyte adhesion in human vascular smooth muscle cells via miR155/NOX2/NF $\kappa$ B pathway. <i>Scientific Reports</i> , 2016, 6, 23596.	3.3	40
23	Triad3A attenuates pathological cardiac hypertrophy involving the augmentation of ubiquitination-mediated degradation of TLR4 and TLR9. <i>Basic Research in Cardiology</i> , 2020, 115, 19.	5.9	39
24	Fibronectin type III domain containing 5 attenuates NLRP3 inflammasome activation and phenotypic transformation of adventitial fibroblasts in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2018, 36, 1104-1114.	0.5	38
25	Cardiomyocyte-specific deficiency of HSPB1 worsens cardiac dysfunction by activating NF $\kappa$ B-mediated leucocyte recruitment after myocardial infarction. <i>Cardiovascular Research</i> , 2019, 115, 154-167.	3.8	38
26	Relaxin in paraventricular nucleus contributes to sympathetic overdrive and hypertension via PI3K-Akt pathway. <i>Neuropharmacology</i> , 2016, 103, 247-256.	4.1	36
27	SUV39H1 mediated SIRT1 trans-repression contributes to cardiac ischemia-reperfusion injury. <i>Basic Research in Cardiology</i> , 2017, 112, 22.	5.9	35
28	Peli1 induction impairs cardiac microvascular endothelium through Hsp90 dissociation from IRE1 $\alpha$ . <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2606-2617.	3.8	35
29	17 $\beta$ -estradiol inhibits angiotensin II-induced cardiac myofibroblast differentiation. <i>European Journal of Pharmacology</i> , 2009, 616, 155-159.	3.5	33
30	HSP27 Alleviates Cardiac Aging in Mice via a Mechanism Involving Antioxidation and Mitophagy Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	4.0	33
31	BCL6 attenuates renal inflammation via negative regulation of NLRP3 transcription. <i>Cell Death and Disease</i> , 2017, 8, e3156-e3156.	6.3	33
32	Class III PI3K-mediated prolonged activation of autophagy plays a critical role in the transition of cardiac hypertrophy to heart failure. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1710-1719.	3.6	32
33	Prostaglandin E2/EP2 receptor signalling pathway promotes diabetic retinopathy in a rat model of diabetes. <i>Diabetologia</i> , 2019, 62, 335-348.	6.3	30
34	FNDC5 Attenuates Oxidative Stress and NLRP3 Inflammasome Activation in Vascular Smooth Muscle Cells via Activating the AMPK-SIRT1 Signal Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	4.0	30
35	FNDC5 inhibits foam cell formation and monocyte adhesion in vascular smooth muscle cells via suppressing NF $\kappa$ B-mediated NLRP3 upregulation. <i>Vascular Pharmacology</i> , 2019, 121, 106579.	2.1	29
36	Curcumin attenuates migration of vascular smooth muscle cells via inhibiting NF $\kappa$ B-mediated NLRP3 expression in spontaneously hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 72, 108212.	4.2	29

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37	The TIR/BB-loop mimetic AS-1 prevents cardiac hypertrophy by inhibiting IL-1R-mediated MyD88-dependent signaling. <i>Basic Research in Cardiology</i> , 2011, 106, 787-799.	5.9	28
38	HSPA12A is required for adipocyte differentiation and diet-induced obesity through a positive feedback regulation with PPAR $\gamma$ . <i>Cell Death and Differentiation</i> , 2019, 26, 2253-2267.	11.2	28
39	Silencing of Pellino1 improves post-infarct cardiac dysfunction and attenuates left ventricular remodelling in mice. <i>Cardiovascular Research</i> , 2014, 102, 46-55.	3.8	27
40	Reduced lipolysis response to adipose afferent reflex involved in impaired activation of adrenoceptor-cAMP-PKA-hormone sensitive lipase pathway in obesity. <i>Scientific Reports</i> , 2016, 6, 34374.	3.3	25
41	Silencing salusin- $\beta$ attenuates cardiovascular remodeling and hypertension in spontaneously hypertensive rats. <i>Scientific Reports</i> , 2017, 7, 43259.	3.3	24
42	MiR155-5p Inhibits Cell Migration and Oxidative Stress in Vascular Smooth Muscle Cells of Spontaneously Hypertensive Rats. <i>Antioxidants</i> , 2020, 9, 204.	5.1	22
43	BCL6 Attenuates Proliferation and Oxidative Stress of Vascular Smooth Muscle Cells in Hypertension. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	4.0	21
44	RND3 attenuates oxidative stress and vascular remodeling in spontaneously hypertensive rat via inhibiting ROCK1 signaling. <i>Redox Biology</i> , 2021, 48, 102204.	9.0	21
45	Chemical Stimulation of Renal Tissue Induces Sympathetic Activation and a Pressor Response via the Paraventricular Nucleus in Rats. <i>Neuroscience Bulletin</i> , 2020, 36, 143-152.	2.9	19
46	HSPA12A unstabilizes CD147 to inhibit lactate export and migration in human renal cell carcinoma. <i>Theranostics</i> , 2020, 10, 8573-8590.	10.0	19
47	Inhibition of miR-135a-5p attenuates vascular smooth muscle cell proliferation and vascular remodeling in hypertensive rats. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1798-1807.	6.1	19
48	Heat shock protein A12A encodes a novel prosurvival pathway during ischaemic stroke. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1862-1872.	3.8	18
49	The TIR/BB-loop mimetic AS-1 prevents non-alcoholic steatohepatitis and hepatic insulin resistance by inhibiting NLRP3-ASC inflammasome activation. <i>British Journal of Pharmacology</i> , 2017, 174, 1841-1856.	5.4	17
50	Extracellular vesicle-mediated miR135a-5p transfer in hypertensive rat contributes to vascular smooth muscle cell proliferation via targeting FNDC5. <i>Vascular Pharmacology</i> , 2021, 140, 106864.	2.1	15
51	HSPA12B: a novel facilitator of lung tumor growth. <i>Oncotarget</i> , 2015, 6, 9924-9936.	1.8	15
52	Angiotensin Type 1 Receptors and Superoxide Anion Production in Hypothalamic Paraventricular Nucleus Contribute to Capsaicin-Induced Excitatory Renal Reflex and Sympathetic Activation. <i>Neuroscience Bulletin</i> , 2020, 36, 463-474.	2.9	14
53	Fibronectin Type III Domain-Containing 5 Attenuates Liver Fibrosis Via Inhibition of Hepatic Stellate Cell Activation. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 227-236.	1.6	13
54	miR-31-5p Promotes Oxidative Stress and Vascular Smooth Muscle Cell Migration in Spontaneously Hypertensive Rats via Inhibiting FNDC5 Expression. <i>Biomedicines</i> , 2021, 9, 1009.	3.2	13

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55	GABA in Paraventricular Nucleus Regulates Adipose Afferent Reflex in Rats. <i>PLoS ONE</i> , 2015, 10, e0136983.	2.5	12
56	Impact of Selective Renal Afferent Denervation on Oxidative Stress and Vascular Remodeling in Spontaneously Hypertensive Rats. <i>Antioxidants</i> , 2022, 11, 1003.	5.1	10
57	The TIR/BB-loop mimetic AS-1 attenuates mechanical stress-induced cardiac fibroblast activation and paracrine secretion via modulation of large tumor suppressor kinase 1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1191-1202.	3.8	9
58	Î±-Lipoic acid protected cardiomyoblasts from the injury induced by sodium nitroprusside through ROS-mediated Akt/Gsk-3Î² activation. <i>Toxicology in Vitro</i> , 2014, 28, 1461-1473.	2.4	8
59	Interleukin-1Î² in hypothalamic paraventricular nucleus mediates excitatory renal reflex. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 1577-1586.	2.8	8
60	HSPA12B attenuates acute lung injury during endotoxemia in mice. <i>International Immunopharmacology</i> , 2015, 29, 599-606.	3.8	7
61	<sc>HSPA</sc>12B promotes functional recovery after ischaemic stroke through an <sc>eNOS</sc>-dependent mechanism. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2252-2262.	3.6	7
62	Exosomes derived from mangiferin-stimulated perivascular adipose tissue ameliorate endothelial dysfunction. <i>Molecular Medicine Reports</i> , 2019, 19, 4797-4805.	2.4	7
63	Protective roles of the TIR/BB-loop mimetic AS-1 in alkali-induced corneal neovascularization by inhibiting ERK phosphorylation. <i>Experimental Eye Research</i> , 2021, 207, 108568.	2.6	5
64	TIR/BB-loop mimetic AS-1 attenuates cardiac ischemia/reperfusion injury via a caveolae and caveolin-3-dependent mechanism. <i>Scientific Reports</i> , 2017, 7, 44638.	3.3	4
65	Dysregulation of the Excitatory Renal Reflex in the Sympathetic Activation of Spontaneously Hypertensive Rat. <i>Frontiers in Physiology</i> , 2021, 12, 673950.	2.8	4
66	Salusin-Î² in Intermediate Dorsal Motor Nucleus of the Vagus Regulates Sympathetic-Parasympathetic Balance and Blood Pressure. <i>Biomedicines</i> , 2021, 9, 1118.	3.2	4
67	HSPA12A Stimulates p38/ERK-AP-1 Signaling to Promote Angiogenesis and Is Required for Functional Recovery Postmyocardial Infarction. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	3
68	TIR/BB-loop mimetic AS-1 protects vascular endothelial cells from injury induced by hypoxia/reoxygenation. <i>Journal of Biomedical Research</i> , 2020, 34, 343.	1.6	0