Ying Han

List of Publications by Year
in descending order

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49 papers	1,880 citations	257101 24 h-index	264894 42 g-index
49 all docs	49 docs citations	49 times ranked	2598 citing authors

#	Article	IF	Citations
1	NLRP3 inflammasome activation contributes to VSMC phenotypic transformation and proliferation in hypertension. Cell Death and Disease, 2017, 8, e3074-e3074.	2.7	179
2	FNDC5 overexpression and irisin ameliorate glucose/lipid metabolic derangements and enhance lipolysis in obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1867-1875.	1.8	168
3	FNDC5 Alleviates Hepatosteatosis by Restoring AMPK/mTOR-Mediated Autophagy, Fatty Acid Oxidation, and Lipogenesis in Mice. Diabetes, 2016, 65, 3262-3275.	0.3	114
4	FNDC5 attenuates adipose tissue inflammation and insulin resistance via AMPK-mediated macrophage polarization in obesity. Metabolism: Clinical and Experimental, 2018, 83, 31-41.	1.5	105
5	MiR155â€5p in adventitial fibroblastsâ€derived extracellular vesicles inhibits vascular smooth muscle cell proliferation via suppressing angiotensinâ€converting enzyme expression. Journal of Extracellular Vesicles, 2020, 9, 1698795.	5.5	89
6	Angiotensin-(1â€“7) abrogates angiotensin II-induced proliferation, migration and inflammation in VSMCs through inactivation of ROS-mediated PI3K/Akt and MAPK/ERK signaling pathways. Scientific Reports, 2016, 6, 34621.	1.6	81
7	Enhanced Adipose Afferent Reflex Contributes to Sympathetic Activation in Diet-Induced Obesity Hypertension. Hypertension, 2012, 60, 1280-1286.	1.3	78
8	SGLT inhibitors attenuate NO-dependent vascular relaxation in the pulmonary artery but not in the coronary artery. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1027-L1036.	1.3	75
9	Salusin-Î² contributes to vascular remodeling associated with hypertension via promoting vascular smooth muscle cell proliferation and vascular fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1709-1718.	1.8	63
10	Angiotensin-(1â€“7) in the Rostral Ventrolateral Medulla Modulates Enhanced Cardiac Sympathetic Afferent Reflex and Sympathetic Activation in Renovascular Hypertensive Rats. Hypertension, 2013, 61, 820-827.	1.3	60
11	Reactive oxygen species in paraventricular nucleus modulates cardiac sympathetic afferent reflex in rats. Brain Research, 2005, 1058, 82-90.	1.1	50
12	O-GlcNAcase overexpression reverses coronary endothelial cell dysfunction in type 1 diabetic mice. American Journal of Physiology - Cell Physiology, 2015, 309, C593-C599.	2.1	50
13	Superoxide anions in the paraventricular nucleus mediate the enhanced cardiac sympathetic afferent reflex and sympathetic activity in renovascular hypertensive rats. Journal of Applied Physiology, 2011, 110, 646-652.	1.2	49
14	Angiotensin-(1â€“7) and angiotension II in the rostral ventrolateral medulla modulate the cardiac sympathetic afferent reflex and sympathetic activity in rats. Pflugers Archiv European Journal of Physiology, 2010, 459, 681-688.	1.3	46
15	Reactive oxygen species in the paraventricular nucleus mediate the cardiac sympathetic afferent reflex in chronic heart failure rats. European Journal of Heart Failure, 2007, 9, 967-973.	2.9	45
16	Sympathetic activation by chemical stimulation of white adipose tissues in rats. Journal of Applied Physiology, 2012, 112, 1008-1014.	1.2	44
17	PERK pathway are involved in NO-induced apoptosis in endothelial cells cocultured with RPE under high glucose conditions. Nitric Oxide - Biology and Chemistry, 2014, 40, 10-16.	1.2	36
18	Relaxin in paraventricular nucleus contributes to sympathetic overdrive and hypertension via PI3K-Akt pathway. Neuropharmacology, 2016, 103, 247-256.	2.0	36

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19	Angiotensin II and Angiotensin-(1-7) in Paraventricular Nucleus Modulate Cardiac Sympathetic Afferent Reflex in Renovascular Hypertensive Rats. PLoS ONE, 2012, 7, e52557.	1.1	35
20	SOD1 gene transfer into paraventricular nucleus attenuates hypertension and sympathetic activity in spontaneously hypertensive rats. Pflugers Archiv European Journal of Physiology, 2013, 465, 261-270.	1.3	34
21	Angiotensin-(1-7) induced vascular relaxation in spontaneously hypertensive rats. Nitric Oxide - Biology and Chemistry, 2019, 88, 1-9.	1.2	32
22	Angiotensin-(1â€“7) in Paraventricular Nucleus Modulates Sympathetic Activity and Cardiac Sympathetic Afferent Reflex in Renovascular Hypertensive Rats. PLoS ONE, 2012, 7, e48966.	1.1	30
23	Curcumin attenuates migration of vascular smooth muscle cells via inhibiting NFÎºB-mediated NLRP3 expression in spontaneously hypertensive rats. Journal of Nutritional Biochemistry, 2019, 72, 108212.	1.9	29
24	Intermedin in Paraventricular Nucleus Attenuates Sympathetic Activity and Blood Pressure via Nitric Oxide in Hypertensive Rats. Hypertension, 2014, 63, 330-337.	1.3	28
25	Salusin-Î² Promotes Vascular Calcification via Nicotinamide Adenine Dinucleotide Phosphate/Reactive Oxygen Species-Mediated Klotho Downregulation. Antioxidants and Redox Signaling, 2019, 31, 1352-1370.	2.5	27
26	c-Src in paraventricular nucleus modulates sympathetic activity and cardiac sympathetic afferent reflex in renovascular hypertensive rats. Pflugers Archiv European Journal of Physiology, 2011, 461, 437-446.	1.3	24
27	Silencing salusin-Î² attenuates cardiovascular remodeling and hypertension in spontaneously hypertensive rats. Scientific Reports, 2017, 7, 43259.	1.6	24
28	Intermedin enhances sympathetic outflow via receptor-mediated cAMP/PKA signaling pathway in nucleus tractus solitarii of rats. Peptides, 2013, 47, 1-6.	1.2	22
29	RND3 attenuates oxidative stress and vascular remodeling in spontaneously hypertensive rat via inhibiting ROCK1 signaling. Redox Biology, 2021, 48, 102204.	3.9	21
30	Overexpression of hexokinase 2 reduces mitochondrial calcium overload in coronary endothelial cells of type 2 diabetic mice. American Journal of Physiology - Cell Physiology, 2018, 314, C732-C740.	2.1	20
31	Endothelin-1 in Paraventricular Nucleus Modulates Cardiac Sympathetic Afferent Reflex and Sympathetic Activity in Rats. PLoS ONE, 2012, 7, e40748.	1.1	20
32	Angiotensin-(1-7) in Paraventricular Nucleus Contributes to the Enhanced Cardiac Sympathetic Afferent Reflex and Sympathetic Activity in Chronic Heart Failure Rats. Cellular Physiology and Biochemistry, 2017, 42, 2523-2539.	1.1	17
33	Effects of Angiotensin-(1-7) and Angiotensin II on Acetylcholine-Induced Vascular Relaxation in Spontaneously Hypertensive Rats. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	1.9	17
34	Angiotensin-(1â€“7) enhances the effects of angiotensin II on the cardiac sympathetic afferent reflex and sympathetic activity in rostral ventrolateral medulla in renovascular hypertensive rats. Journal of the American Society of Hypertension, 2015, 9, 865-877.	2.3	16
35	A TOR2A Gene Product: Salusin-Î² Contributes to Attenuated Vasodilatation of Spontaneously Hypertensive Rats. Cardiovascular Drugs and Therapy, 2021, 35, 125-139.	1.3	15
36	Extracellular vesicle-mediated miR135a-5p transfer in hypertensive rat contributes to vascular smooth muscle cell proliferation via targeting FNDC5. Vascular Pharmacology, 2021, 140, 106864.	1.0	15

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37	Melanocortin 4 Receptors in the Paraventricular Nucleus Modulate the Adipose Afferent Reflex in Rat. PLoS ONE, 2013, 8, e80295.	1.1	14
38	Improvement of Vascular Function by Knockdown of Salusin-Î² in Hypertensive Rats via Nitric Oxide and Reactive Oxygen Species Signaling Pathway. Frontiers in Physiology, 2021, 12, 622954.	1.3	13
39	Responses of neurons in paraventricular nucleus to activation of cardiac afferents and acute myocardial ischaemia in rats. Experimental Physiology, 2011, 96, 295-304.	0.9	12
40	Enhanced sympathetic activity and cardiac sympathetic afferent reflex in rats with heart failure induced by adriamycin. Journal of Biomedical Research, 2012, 26, 425-431.	0.7	10
41	Research Progress on Pulmonary Arterial Hypertension and the Role of the Angiotensin Converting Enzyme 2-Angiotensin-(1â€“7)-Mas Axis in Pulmonary Arterial Hypertension. Cardiovascular Drugs and Therapy, 2022, 36, 363-370.	1.3	9
42	Knockdown of Salusin-Î² Improves Cardiovascular Function in Myocardial Infarction-Induced Chronic Heart Failure Rats. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	1.9	6
43	Hypoxia-Inducible Factor 2-Alpha Mediated Gene Sets Differentiate Pulmonary Arterial Hypertension. Frontiers in Cell and Developmental Biology, 2021, 9, 701247.	1.8	5
44	Artemisinin Improves Acetylcholine-Induced Vasodilatation in Rats with Primary Hypertension. Drug Design, Development and Therapy, 2021, Volume 15, 4489-4502.	2.0	5
45	Combination Therapy With Rapamycin and Low Dose Imatinib in Pulmonary Hypertension. Frontiers in Pharmacology, 2021, 12, 758763.	1.6	5
46	Artemisinin and Its Derivate Alleviate Pulmonary Hypertension and Vasoconstriction in Rodent Models. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-21.	1.9	4
47	Expression profile of mitochondrial voltage-dependent anion channel-1 (VDAC1) influenced genes is associated with pulmonary hypertension. Korean Journal of Physiology and Pharmacology, 2017, 21, 353.	0.6	3
48	Response to Angiotensin-(1â€“7) and Kidney Disease: Friend or Foe. Hypertension, 2013, 62, .	1.3	0
49	Relationship between reactive oxygen species and Angiotensin II in modulating cardiac sympathetic afferent reflex in rats. FASEB Journal, 2006, 20, A1208.	0.2	0