

# Ye-Bo Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,768  
citations

304743

22  
h-index

289244

40  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2490  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	MiR155 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
6	Enhanced Adipose Afferent Reflex Contributes to Sympathetic Activation in Diet-Induced Obesity Hypertension. <i>Hypertension</i> , 2012, 60, 1280-1286.	2.7	78
7	Activation of Transient Receptor Potential Vanilloid 4 is Involved in Neuronal Injury in Middle Cerebral Artery Occlusion in Mice. <i>Molecular Neurobiology</i> , 2016, 53, 8-17.	4.0	72
8	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
9	Angiotensin-(1-7) in the Rostral Ventrolateral Medulla Modulates Enhanced Cardiac Sympathetic Afferent Reflex and Sympathetic Activation in Renovascular Hypertensive Rats. <i>Hypertension</i> , 2013, 61, 820-827.	2.7	60
10	FNDC5 attenuates obesity-induced cardiac hypertrophy by inactivating JAK2/STAT3-associated inflammation and oxidative stress. <i>Journal of Translational Medicine</i> , 2019, 17, 107.	4.4	53
11	Salusin- $\beta$ in paraventricular nucleus increases blood pressure and sympathetic outflow via vasopressin in hypertensive rats. <i>Cardiovascular Research</i> , 2013, 98, 344-351.	3.8	49
12	Sympathetic activation by chemical stimulation of white adipose tissues in rats. <i>Journal of Applied Physiology</i> , 2012, 112, 1008-1014.	2.5	44
13	Hydrogen sulfide inhibits ATP-induced neuroinflammation and $\text{A}\beta$ 42 synthesis by suppressing the activation of STAT3 and cathepsin S. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 603-614.	4.1	39
14	Hydrogen Sulfide Prevents Elastin Loss and Attenuates Calcification Induced by High Glucose in Smooth Muscle Cells through Suppression of Stat3/Cathepsin S Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4202.	4.1	38
15	Relaxin in paraventricular nucleus contributes to sympathetic overdrive and hypertension via PI3K-Akt pathway. <i>Neuropharmacology</i> , 2016, 103, 247-256.	4.1	36
16	SOD1 gene transfer into paraventricular nucleus attenuates hypertension and sympathetic activity in spontaneously hypertensive rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 261-270.	2.8	34
17	HNO suppresses LPS-induced inflammation in BV-2 microglial cells via inhibition of NF- $\kappa$ B and p38 MAPK pathways. <i>Pharmacological Research</i> , 2016, 111, 885-895.	7.1	34
18	Renal Protective Effect of Hydrogen Sulfide in Cisplatin-Induced Nephrotoxicity. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 455-470.	5.4	31

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19	Angiotensin-(1 $\alpha$ 7) in Paraventricular Nucleus Modulates Sympathetic Activity and Cardiac Sympathetic Afferent Reflex in Renovascular Hypertensive Rats. PLoS ONE, 2012, 7, e48966.	2.5	30
20	Intermedin in Paraventricular Nucleus Attenuates Sympathetic Activity and Blood Pressure via Nitric Oxide in Hypertensive Rats. Hypertension, 2014, 63, 330-337.	2.7	28
21	Insulin resistance induces medial artery calcification in fructose-fed rats. Experimental Biology and Medicine, 2012, 237, 50-57.	2.4	26
22	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.	2.8	24
23	Silencing salusin- $\hat{1}^2$ attenuates cardiovascular remodeling and hypertension in spontaneously hypertensive rats. Scientific Reports, 2017, 7, 43259.	3.3	24
24	Intermedin in Paraventricular Nucleus Attenuates Ang II-Induced Sympathoexcitation through the Inhibition of NADPH Oxidase-Dependent ROS Generation in Obese Rats with Hypertension. International Journal of Molecular Sciences, 2019, 20, 4217.	4.1	24
25	Intermedin enhances sympathetic outflow via receptor-mediated cAMP/PKA signaling pathway in nucleus tractus solitarii of rats. Peptides, 2013, 47, 1-6.	2.4	22
26	Adipose afferent reflex is enhanced by TNF $\hat{1}\pm$ in paraventricular nucleus through NADPH oxidase-dependent ROS generation in obesity-related hypertensive rats. Journal of Translational Medicine, 2019, 17, 256.	4.4	21
27	RND3 attenuates oxidative stress and vascular remodeling in spontaneously hypertensive rat via inhibiting ROCK1 signaling. Redox Biology, 2021, 48, 102204.	9.0	21
28	Endothelin-1 in Paraventricular Nucleus Modulates Cardiac Sympathetic Afferent Reflex and Sympathetic Activity in Rats. PLoS ONE, 2012, 7, e40748.	2.5	20
29	Anti $\hat{1}\pm$ Na <sup>+</sup> /K <sup>+</sup> -ATPase immunotherapy ameliorates $\hat{1}\pm$ -synuclein pathology through activation of Na <sup>+</sup> /K <sup>+</sup> -ATPase $\hat{1}\pm$ -dependent autophagy. Science Advances, 2021, 7, .	10.3	19
30	Lanthanum Acetate Inhibits Vascular Calcification Induced by Vitamin D3 Plus Nicotine in Rats. Experimental Biology and Medicine, 2009, 234, 908-917.	2.4	17
31	Superoxide Anions and NO in the Paraventricular Nucleus Modulate the Cardiac Sympathetic Afferent Reflex in Obese Rats. International Journal of Molecular Sciences, 2018, 19, 59.	4.1	17
32	Peroxisome Proliferator-Activated Receptor $\hat{1}^3$ Ligands Retard Cultured Vascular Smooth Muscle Cells Calcification Induced by High Glucose. Cell Biochemistry and Biophysics, 2013, 66, 421-429.	1.8	15
33	Extracellular vesicle-mediated miR135a-5p transfer in hypertensive rat contributes to vascular smooth muscle cell proliferation via targeting FNDC5. Vascular Pharmacology, 2021, 140, 106864.	2.1	15
34	Transneuronal tracing of central autonomic regions involved in cardiac sympathetic afferent reflex in rats. Journal of the Neurological Sciences, 2014, 342, 45-51.	0.6	14
35	Intermedin in Paraventricular Nucleus Attenuates Sympathoexcitation and Decreases TLR4-Mediated Sympathetic Activation via Adrenomedullin Receptors in Rats with Obesity-Related Hypertension. Neuroscience Bulletin, 2019, 35, 34-46.	2.9	14
36	Exacerbated pressor and sympathoexcitatory effects of central Elabela in spontaneously hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H124-H134.	3.2	14

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37	Melanocortin 4 Receptors in the Paraventricular Nucleus Modulate the Adipose Afferent Reflex in Rat. <i>PLoS ONE</i> , 2013, 8, e80295.	2.5	14
38	C-type natriuretic peptide inhibiting vascular calcification might involve decreasing bone morphogenetic protein 2 and osteopontin levels. <i>Molecular and Cellular Biochemistry</i> , 2014, 392, 65-76.	3.1	13
39	Chronic infusion of ELABELA alleviates vascular remodeling in spontaneously hypertensive rats via anti-inflammatory, anti-oxidative and anti-proliferative effects. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2573-2584.	6.1	13
40	Intermedin in the Paraventricular Nucleus Attenuates Cardiac Sympathetic Afferent Reflex in Chronic Heart Failure Rats. <i>PLoS ONE</i> , 2014, 9, e94234.	2.5	12
41	SOD1 overexpression in paraventricular nucleus improves post-infarct myocardial remodeling and ventricular function. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 297-307.	2.8	11
42	Enhanced sympathetic activity and cardiac sympathetic afferent reflex in rats with heart failure induced by adriamycin. <i>Journal of Biomedical Research</i> , 2012, 26, 425-431.	1.6	10
43	Adrenomedullin ameliorates palmitic acid-induced insulin resistance through PI3K/Akt pathway in adipocytes. <i>Acta Diabetologica</i> , 2022, 59, 661-673.	2.5	9
44	Adrenomedullin Attenuates Inflammation in White Adipose Tissue of Obese Rats Through Receptor-Mediated PKA Pathway. <i>Obesity</i> , 2021, 29, 86-97.	3.0	8
45	Hydrogen sulfide prevents arterial medial calcification in rats with diabetic nephropathy. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 495.	1.7	8
46	Neuronal and Endothelial Nitric Oxide Synthases in the Paraventricular Nucleus Modulate Sympathetic Overdrive in Insulin-Resistant Rats. <i>PLoS ONE</i> , 2015, 10, e0140762.	2.5	7
47	Cardiac sympathetic afferent reflex response to intermedin microinjection into paraventricular nucleus is mediated by nitric oxide and l <sup>3</sup> -amino butyric acid in hypertensive rats. <i>Experimental Biology and Medicine</i> , 2014, 239, 1352-1359.	2.4	4
48	Adrenomedullin 2 attenuates LPS-induced inflammation in microglia cells by receptor-mediated cAMP-PKA pathway. <i>Neuropeptides</i> , 2021, 85, 102109.	2.2	4
49	Adrenomedullin Improves Cardiac Remodeling and Function in Obese Rats with Hypertension. <i>Pharmaceuticals</i> , 2022, 15, 719.	3.8	3
50	Response to Angiotensin-(1-7) and Kidney Disease: Friend or Foe. <i>Hypertension</i> , 2013, 62, .	2.7	0
51	The cardioprotective effect of the sodium-glucose cotransporter 2 inhibitor dapagliflozin in rats with isoproterenol-induced cardiomyopathy. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 10950-10961.	0.0	0