

Guo-Qing Zhu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/865362/guo-qing-zhu-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

2,116
citations

25
h-index

43
g-index

89
ext. papers

2,631
ext. citations

4.9
avg, IF

4.62
L-index

#	Paper	IF	Citations
86	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, 839-50	6.5	190
85	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, 1867-75	6.9	124
84	NLRP3 inflammasome activation contributes to VSMC phenotypic transformation and proliferation in hypertension. <i>Cell Death and Disease</i> , 2017 , 8, e3074	9.8	114
83	FNDC5 Alleviates Hepatosteatosis by Restoring AMPK/mTOR-Mediated Autophagy, Fatty Acid Oxidation, and Lipogenesis in Mice. <i>Diabetes</i> , 2016 , 65, 3262-3275	0.9	78
82	ANG II in the paraventricular nucleus potentiates the cardiac sympathetic afferent reflex in rats with heart failure. <i>Journal of Applied Physiology</i> , 2004 , 97, 1746-54	3.7	75
81	Salusin- β Promotes Vascular Smooth Muscle Cell Migration and Intimal Hyperplasia After Vascular Injury via ROS/NFB/MMP-9 Pathway. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 1045-57	8.4	72
80	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	3.9	67
79	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	12.7	66
78	Inhibition of reactive oxygen species in hypothalamic paraventricular nucleus attenuates the renin-angiotensin system and proinflammatory cytokines in hypertension. <i>Toxicology and Applied Pharmacology</i> , 2014 , 276, 115-20	4.6	66
77	β -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	4.9	52
76	Salusin- β 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, 1709-18	6.9	51
75	Inhibition of NF- κ B activity in the hypothalamic paraventricular nucleus attenuates hypertension and cardiac hypertrophy by modulating cytokines and attenuating oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2015 , 284, 315-22	4.6	49
74	Salusin- β contributes to oxidative stress and inflammation in diabetic cardiomyopathy. <i>Cell Death and Disease</i> , 2017 , 8, e2690	9.8	48
73	Enhanced cardiac sympathetic afferent reflex involved in sympathetic overactivity in renovascular hypertensive rats. <i>Experimental Physiology</i> , 2009 , 94, 785-94	2.4	48
72	Chronic infusion of lisinopril into hypothalamic paraventricular nucleus modulates cytokines and attenuates oxidative stress in rostral ventrolateral medulla in hypertension. <i>Toxicology and Applied Pharmacology</i> , 2014 , 279, 141-9	4.6	46
71	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	16.4	46
70	Superoxide anions in the paraventricular nucleus mediate the enhanced cardiac sympathetic afferent reflex and sympathetic activity in renovascular hypertensive rats. <i>Journal of Applied Physiology</i> , 2011 , 110, 646-52	3.7	45

69	Inhibition of TNF- α in hypothalamic paraventricular nucleus attenuates hypertension and cardiac hypertrophy by inhibiting neurohormonal excitation in spontaneously hypertensive rats. <i>Toxicology and Applied Pharmacology</i> , 2014 , 281, 101-8	4.6	44
68	Central blockade of salusin β attenuates hypertension and hypothalamic inflammation in spontaneously hypertensive rats. <i>Scientific Reports</i> , 2015 , 5, 11162	4.9	43
67	Chronic infusion of enalaprilat into hypothalamic paraventricular nucleus attenuates angiotensin II-induced hypertension and cardiac hypertrophy by restoring neurotransmitters and cytokines. <i>Toxicology and Applied Pharmacology</i> , 2014 , 274, 436-44	4.6	39
66	TLR4/MyD88/NF- κ B signaling and PPAR- γ within the paraventricular nucleus are involved in the effects of telmisartan in hypertension. <i>Toxicology and Applied Pharmacology</i> , 2016 , 305, 93-102	4.6	38
65	Exercise training attenuates hypertension and cardiac hypertrophy by modulating neurotransmitters and cytokines in hypothalamic paraventricular nucleus. <i>PLoS ONE</i> , 2014 , 9, e85481	3.7	34
64	Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension. <i>Toxicology Letters</i> , 2015 , 235, 206-15	4.4	32
63	Salusin- β induces foam cell formation and monocyte adhesion in human vascular smooth muscle cells via miR155/NOX2/NF κ B pathway. <i>Scientific Reports</i> , 2016 , 6, 23596	4.9	32
62	Hydrogen sulfide in paraventricular nucleus attenuates blood pressure by regulating oxidative stress and inflammatory cytokines in high salt-induced hypertension. <i>Toxicology Letters</i> , 2017 , 270, 62-71	4.4	25
61	Chronic infusion of epigallocatechin-3-O-gallate into the hypothalamic paraventricular nucleus attenuates hypertension and sympathoexcitation by restoring neurotransmitters and cytokines. <i>Toxicology Letters</i> , 2016 , 262, 105-113	4.4	25
60	Tert-butylhydroquinone attenuates oxidative stress and inflammation in hypothalamic paraventricular nucleus in high salt-induced hypertension. <i>Toxicology Letters</i> , 2017 , 281, 1-9	4.4	24
59	Relaxin in paraventricular nucleus contributes to sympathetic overdrive and hypertension via PI3K-Akt pathway. <i>Neuropharmacology</i> , 2016 , 103, 247-56	5.5	22
58	Renin-angiotensin system acting on reactive oxygen species in paraventricular nucleus induces sympathetic activation via AT1R/PKC β /Rac1 pathway in salt-induced hypertension. <i>Scientific Reports</i> , 2017 , 7, 43107	4.9	21
57	BCL6 attenuates renal inflammation via negative regulation of NLRP3 transcription. <i>Cell Death and Disease</i> , 2017 , 8, e3156	9.8	21
56	Blockade of TLR4 Within the Paraventricular Nucleus Attenuates Blood Pressure by Regulating ROS and Inflammatory Cytokines in Prehypertensive Rats. <i>American Journal of Hypertension</i> , 2018 , 31, 1013-1023	6.3	20
55	Hypothalamic paraventricular nucleus activation contributes to neurohumoral excitation in rats with heart failure. <i>Regenerative Medicine Research</i> , 2014 , 2, 2	1.2	19
54	FNDC5 inhibits foam cell formation and monocyte adhesion in vascular smooth muscle cells via suppressing NF κ B-mediated NLRP3 upregulation. <i>Vascular Pharmacology</i> , 2019 , 121, 106579	5.9	18
53	Silencing salusin- β attenuates cardiovascular remodeling and hypertension in spontaneously hypertensive rats. <i>Scientific Reports</i> , 2017 , 7, 43259	4.9	17
52	Chronic infusion of berberine into the hypothalamic paraventricular nucleus attenuates hypertension and sympathoexcitation via the ROS/Erk1/2/iNOS pathway. <i>Phytomedicine</i> , 2019 , 52, 216-224	6.5	17

51	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	4.9	16
50	Blockade of Salusin- β in Hypothalamic Paraventricular Nucleus Attenuates Hypertension and Cardiac Hypertrophy in Salt-induced Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2015 , 66, 323-31	3.1	16
49	PVN Blockade of p44/42 MAPK Pathway Attenuates Salt-induced Hypertension through Modulating Neurotransmitters and Attenuating Oxidative Stress. <i>Scientific Reports</i> , 2017 , 7, 43038	4.9	15
48	Exercise training attenuates renovascular hypertension partly via RAS-ROS- glutamate pathway in the hypothalamic paraventricular nucleus. <i>Scientific Reports</i> , 2016 , 6, 37467	4.9	15
47	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, 6384803	6.7	15
46	Curcumin attenuates migration of vascular smooth muscle cells via inhibiting NF κ B-mediated NLRP3 expression in spontaneously hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , 2019 , 72, 108212	6.3	14
45	BCL6 Attenuates Proliferation and Oxidative Stress of Vascular Smooth Muscle Cells in Hypertension. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 5018410	6.7	14
44	MiR155-5p Inhibits Cell Migration and Oxidative Stress in Vascular Smooth Muscle Cells of Spontaneously Hypertensive Rats. <i>Antioxidants</i> , 2020 , 9,	7.1	14
43	Oral CoQ10 attenuates high salt-induced hypertension by restoring neurotransmitters and cytokines in the hypothalamic paraventricular nucleus. <i>Scientific Reports</i> , 2016 , 6, 30301	4.9	14
42	Superoxide anions in paraventricular nucleus modulate adipose afferent reflex and sympathetic activity in rats. <i>PLoS ONE</i> , 2013 , 8, e83771	3.7	14
41	Paraventricular Nucleus Infusion of Epigallocatechin-3-O-Gallate Improves Renovascular Hypertension. <i>Cardiovascular Toxicology</i> , 2016 , 16, 276-85	3.4	13
40	Exercise Training Attenuates Proinflammatory Cytokines, Oxidative Stress and Modulates Neurotransmitters in the Rostral Ventrolateral Medulla of Salt-Induced Hypertensive Rats. <i>Cellular Physiology and Biochemistry</i> , 2018 , 48, 1369-1381	3.9	12
39	Superoxide Anions and NO in the Paraventricular Nucleus Modulate the Cardiac Sympathetic Afferent Reflex in Obese Rats. <i>International Journal of Molecular Sciences</i> , 2017 , 19,	6.3	12
38	Adipose afferent reflex is enhanced by TNF α in paraventricular nucleus through NADPH oxidase-dependent ROS generation in obesity-related hypertensive rats. <i>Journal of Translational Medicine</i> , 2019 , 17, 256	8.5	12
37	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	4.3	12
36	Irisin lowers blood pressure by activating the Nrf2 signaling pathway in the hypothalamic paraventricular nucleus of spontaneously hypertensive rats. <i>Toxicology and Applied Pharmacology</i> , 2020 , 394, 114953	4.6	11
35	Silencing salusin β ameliorates heart failure in aged spontaneously hypertensive rats by ROS-relative MAPK/NF- κ B pathways in the paraventricular nucleus. <i>International Journal of Cardiology</i> , 2019 , 280, 142-151	3.2	11
34	Chronic Intracerebroventricular Infusion of Metformin Inhibits Salt-Sensitive Hypertension via Attenuation of Oxidative Stress and Neurohormonal Excitation in Rat Paraventricular Nucleus. <i>Neuroscience Bulletin</i> , 2019 , 35, 57-66	4.3	11

33	Calcitriol ameliorated autonomic dysfunction and hypertension by down-regulating inflammation and oxidative stress in the paraventricular nucleus of SHR. <i>Toxicology and Applied Pharmacology</i> , 2020 , 394, 114950	4.6	10
32	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	4.3	10
31	Intermedin in Paraventricular Nucleus Attenuates Sympathoexcitation and Decreases TLR4-Mediated Sympathetic Activation via Adrenomedullin Receptors in Rats with Obesity-Related Hypertension. <i>Neuroscience Bulletin</i> , 2019 , 35, 34-46	4.3	10
30	GABA in Paraventricular Nucleus Regulates Adipose Afferent Reflex in Rats. <i>PLoS ONE</i> , 2015 , 10, e0136983	3.7	9
29	Transneuronal tracing of central autonomic regions involved in cardiac sympathetic afferent reflex in rats. <i>Journal of the Neurological Sciences</i> , 2014 , 342, 45-51	3.2	9
28	Differences in sympathetic nervous system activity and NMDA receptor levels within the hypothalamic paraventricular nucleus in rats with differential ejaculatory behavior. <i>Asian Journal of Andrology</i> , 2018 , 20, 355-359	2.8	9
27	Blockade of Endogenous Angiotensin-(1-7) in Hypothalamic Paraventricular Nucleus Attenuates High Salt-Induced Sympathoexcitation and Hypertension. <i>Neuroscience Bulletin</i> , 2019 , 35, 47-56	4.3	9
26	Blockade of c-Src Within the Paraventricular Nucleus Attenuates Inflammatory Cytokines and Oxidative Stress in the Mechanism of the TLR4 Signal Pathway in Salt-Induced Hypertension. <i>Neuroscience Bulletin</i> , 2020 , 36, 385-395	4.3	8
25	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	3.9	7
24	Extracellular vesicles in vascular remodeling.. <i>Acta Pharmacologica Sinica</i> , 2022 ,	8	6
23	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	8	6
22	Effects of mu opioid receptors in paraventricular nucleus on ejaculation through mediating sympathetic nerve system activity. <i>Neuropharmacology</i> , 2019 , 158, 107709	5.5	5
21	Inhibition of Hypothalamic Inhibitor B Kinase β Nuclear Transcription Factor β Pathway Attenuates Metabolism and Cardiac Dysfunction in Type 2 Diabetic Rats. <i>Neuroendocrinology</i> , 2020 , 110, 899-913	5.6	5
20	Central Blockade of E-Prostanoid 3 Receptor Ameliorated Hypertension Partially by Attenuating Oxidative Stress and Inflammation in the Hypothalamic Paraventricular Nucleus of Spontaneously Hypertensive Rats. <i>Cardiovascular Toxicology</i> , 2021 , 21, 286-300	3.4	5
19	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,	4.8	5
18	Reduced nitric oxide in the rostral ventrolateral medulla enhances cardiac sympathetic afferent reflex in rats with chronic heart failure. <i>Acta Physiologica Sinica</i> , 2004 , 56, 47-53	1.3	5
17	Cardiac sympathetic afferent reflex response to intermedin microinjection into paraventricular nucleus is mediated by nitric oxide and β -amino butyric acid in hypertensive rats. <i>Experimental Biology and Medicine</i> , 2014 , 239, 1352-9	3.7	4
16	Interleukin-1 β in hypothalamic paraventricular nucleus mediates excitatory renal reflex. <i>Pflugers Archiv European Journal of Physiology</i> , 2020 , 472, 1577-1586	4.6	4

15	Salusin \square Within the Nucleus Tractus Solitarii Suppresses Blood Pressure Via Inhibiting the Activities of Presympathetic Neurons in the Rostral Ventrolateral Medulla in Spontaneously Hypertensive Rats. <i>Cardiovascular Toxicology</i> , 2016 , 16, 223-34	3.4	3
14	Apelin receptor upregulation in spontaneously hypertensive rat contributes to the enhanced vascular smooth muscle cell proliferation by activating autophagy. <i>Annals of Translational Medicine</i> , 2021 , 9, 627	3.2	3
13	Apigenin Improves Hypertension and Cardiac Hypertrophy Through Modulating NADPH Oxidase-Dependent ROS Generation and Cytokines in Hypothalamic Paraventricular Nucleus. <i>Cardiovascular Toxicology</i> , 2021 , 21, 721-736	3.4	3
12	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	5.9	3
11	Adrenomedullin Attenuates \square Inflammation in \square White Adipose Tissue \square of Obese Rats Through Receptor-Mediated PKA Pathway. <i>Obesity</i> , 2021 , 29, 86-97	8	2
10	Nrf1 Knock-Down in the Hypothalamic Paraventricular Nucleus Alleviates Hypertension Through Intervention of Superoxide Production-Removal Balance and Mitochondrial Function. <i>Cardiovascular Toxicology</i> , 2021 , 21, 472-489	3.4	2
9	Dysregulation of the Excitatory Renal Reflex in the Sympathetic Activation of Spontaneously Hypertensive Rat. <i>Frontiers in Physiology</i> , 2021 , 12, 673950	4.6	1
8	Chronic Infusion of Astaxanthin Into Hypothalamic Paraventricular Nucleus Modulates Cytokines and Attenuates the Renin-Angiotensin System in Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2021 , 77, 170-181	3.1	1
7	Salusin- \square In Intermediate Dorsal Motor Nucleus of the Vagus Regulates Sympathetic-Parasympathetic Balance and Blood Pressure. <i>Biomedicines</i> , 2021 , 9,	4.8	1
6	RND3 attenuates oxidative stress and vascular remodeling in spontaneously hypertensive rat via inhibiting ROCK1 signaling. <i>Redox Biology</i> , 2021 , 48, 102204	11.3	1
5	Bilateral Paraventricular Nucleus Upregulation of Extracellular Superoxide Dismutase Decreases Blood Pressure by Regulation of the NLRP3 and Neurotransmitters in Salt-Induced Hypertensive Rats.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 756671	5.6	0
4	Upregulated expression of NMDA receptor in the paraventricular nucleus shortens ejaculation latency in rats with experimental autoimmune prostatitis. <i>Andrology</i> , 2021 , 9, 352-360	4.2	0
3	Impact of Selective Renal Afferent Denervation on Oxidative Stress and Vascular Remodeling in Spontaneously Hypertensive Rats. <i>Antioxidants</i> , 2022 , 11, 1003	7.1	0
2	Blood pressure resetting with a chip system in hypertensive rats. <i>FASEB Journal</i> , 2006 , 20, A308	0.9	
1	Relationship between reactive oxygen species and Angiotensin II in modulating cardiac sympathetic afferent reflex in rats. <i>FASEB Journal</i> , 2006 , 20, A1208	0.9	