

# Yajing Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,203  
citations

218381

26  
h-index

223531

46  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2737  
citing authors

#	ARTICLE	IF	CITATIONS
1	C1q/TNF-Related Proteins, A Family of Novel Adipokines, Induce Vascular Relaxation Through the Adiponectin Receptor-1/AMPK/eNOS/Nitric Oxide Signaling Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2616-2623.	1.1	177
2	C1q/Tumor Necrosis Factor-Related Protein-3, a Newly Identified Adipokine, Is a Novel Antiapoptotic, Proangiogenic, and Cardioprotective Molecule in the Ischemic Mouse Heart. <i>Circulation</i> , 2012, 125, 3159-3169.	1.6	149
3	AMP-Activated Protein Kinase Deficiency Enhances Myocardial Ischemia/Reperfusion Injury but Has Minimal Effect on the Antioxidant/Antinitrative Protection of Adiponectin. <i>Circulation</i> , 2009, 119, 835-844.	1.6	128
4	Role of Adipokines in Cardiovascular Disease. <i>Circulation Journal</i> , 2017, 81, 920-928.	0.7	126
5	C1q/Tumor Necrosis Factor-Related Protein-9, a Novel Adipocyte-Derived Cytokine, Attenuates Adverse Remodeling in the Ischemic Mouse Heart via Protein Kinase A Activation. <i>Circulation</i> , 2013, 128, S113-20.	1.6	117
6	C1q/Tumor Necrosis Factor-Related Protein-9 Regulates the Fate of Implanted Mesenchymal Stem Cells and Mobilizes Their Protective Effects Against Ischemic Heart Injury via Multiple Novel Signaling Pathways. <i>Circulation</i> , 2017, 136, 2162-2177.	1.6	101
7	Small Extracellular Microvesicles Mediated Pathological Communications Between Dysfunctional Adipocytes and Cardiomyocytes as a Novel Mechanism Exacerbating Ischemia/Reperfusion Injury in Diabetic Mice. <i>Circulation</i> , 2020, 141, 968-983.	1.6	97
8	Cardiomyocyte-derived adiponectin is biologically active in protecting against myocardial ischemia-reperfusion injury. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E663-E670.	1.8	91
9	Inhibition of CTRP9, a novel and cardiac-abundantly expressed cell survival molecule, by TNF $\alpha$ -initiated oxidative signaling contributes to exacerbated cardiac injury in diabetic mice. <i>Basic Research in Cardiology</i> , 2013, 108, 315.	2.5	89
10	Adiponectin Inhibits Tumor Necrosis Factor- $\alpha$ -Induced Vascular Inflammatory Response via Caveolin-Mediated Ceramidase Recruitment and Activation. <i>Circulation Research</i> , 2014, 114, 792-805.	2.0	83
11	HMOX1 upregulation promotes ferroptosis in diabetic atherosclerosis. <i>Life Sciences</i> , 2021, 284, 119935.	2.0	82
12	PD-1 Modulates Radiation-Induced Cardiac Toxicity through Cytotoxic T Lymphocytes. <i>Journal of Thoracic Oncology</i> , 2018, 13, 510-520.	0.5	77
13	Sevoflurane Preconditioning Attenuates Myocardial Ischemia/Reperfusion Injury via Caveolin-3-Dependent Cyclooxygenase-2 Inhibition. <i>Circulation</i> , 2013, 128, S121-9.	1.6	67
14	Cardiovascular Adiponectin Resistance: The Critical Role of Adiponectin Receptor Modification. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 519-530.	3.1	62
15	N-Cadherin Overexpression Mobilizes the Protective Effects of Mesenchymal Stromal Cells Against Ischemic Heart Injury Through a $\beta$ -Catenin-Dependent Manner. <i>Circulation Research</i> , 2020, 126, 857-874.	2.0	62
16	The Effect of Ketamine Infusion in the Treatment of Complex Regional Pain Syndrome: a Systemic Review and Meta-analysis. <i>Current Pain and Headache Reports</i> , 2018, 22, 12.	1.3	54
17	Reduced Cardioprotective Action of Adiponectin in High-Fat Diet-Induced Type II Diabetic Mice and Its Underlying Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1779-1788.	2.5	53
18	Cardioprotective effect of adiponectin is partially mediated by its AMPK-independent antinitrative action. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E384-E391.	1.8	44

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19	G-Proteinâ€‘Coupled Receptor Kinase 2â€‘Mediated Desensitization of Adiponectin Receptor 1 in Failing Heart. <i>Circulation</i> , 2015, 131, 1392-1404.	1.6	44
20	Essential Role of Caveolin-3 in Adiponectin Signosome Formation and Adiponectin Cardioprotection. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 934-942.	1.1	42
21	Restoring diabetes-induced autophagic flux arrest in ischemic/reperfused heart by ADIPOR (adiponectin receptor) activation involves both AMPK-dependent and AMPK-independent signaling. <i>Autophagy</i> , 2017, 13, 1855-1869.	4.3	42
22	C1q-TNF-related protein-9, a novel cardioprotective cardiokine, requires proteolytic cleavage to generate a biologically active globular domain isoform. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E891-E898.	1.8	38
23	CTRP3 is a novel biomarker for diabetic retinopathy and inhibits HGHL-induced VCAM-1 expression in an AMPK-dependent manner. <i>PLoS ONE</i> , 2017, 12, e0178253.	1.1	38
24	miRNA-Mediated Suppression of a Cardioprotective Cardiokine as a Novel Mechanism Exacerbating Post-MI Remodeling by Sleep Breathing Disorders. <i>Circulation Research</i> , 2020, 126, 212-228.	2.0	33
25	Reduced vascular responsiveness to adiponectin in hyperlipidemic ratsâ€‘mechanisms and significance. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 508-515.	0.9	30
26	Withaferin A inhibits apoptosis via activated Akt-mediated inhibition of oxidative stress. <i>Life Sciences</i> , 2018, 211, 91-101.	2.0	28
27	Ischemic Heart-Derived Small Extracellular Vesicles Impair Adipocyte Function. <i>Circulation Research</i> , 2022, 130, 48-66.	2.0	26
28	Sevoflurane Pre-conditioning Ameliorates Diabetic Myocardial Ischemia/Reperfusion Injury Via Differential Regulation of p38 and ERK. <i>Scientific Reports</i> , 2020, 10, 23.	1.6	23
29	High glucose/High Lipids impair vascular adiponectin function via inhibition of caveolin-1/AdipoR1 signosome formation. <i>Free Radical Biology and Medicine</i> , 2015, 89, 473-485.	1.3	22
30	C1q/TNF-related protein 5 contributes to diabetic vascular endothelium dysfunction through promoting Nox-1 signaling. <i>Redox Biology</i> , 2020, 34, 101476.	3.9	22
31	Adiponectin at Physiologically Relevant Concentrations Enhances the Vasorelaxative Effect of Acetylcholine via Cav-1/AdipoR-1 Signaling. <i>PLoS ONE</i> , 2016, 11, e0152247.	1.1	20
32	Implications of C1q/TNF-related protein superfamily in patients with coronary artery disease. <i>Scientific Reports</i> , 2020, 10, 878.	1.6	17
33	Withaferin A Prevents Myocardial Ischemia/Reperfusion Injury by Upregulating AMP-Activated Protein Kinase-Dependent B-Cell Lymphoma2 Signaling. <i>Circulation Journal</i> , 2019, 83, 1726-1736.	0.7	16
34	Reduction of CTRP9, a novel anti-platelet adipokine, contributes to abnormal platelet activity in diabetic animals. <i>Cardiovascular Diabetology</i> , 2016, 15, 6.	2.7	15
35	Nicotine induces cardiac toxicity through blocking mitophagic clearance in young adult rat. <i>Life Sciences</i> , 2020, 257, 118084.	2.0	15
36	Identification of a CTRP9 C-Terminal polypeptide capable of enhancing bone-derived mesenchymal stem cell cardioprotection through promoting angiogenic exosome production. <i>Redox Biology</i> , 2021, 41, 101929.	3.9	13

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37	GRK4-mediated adiponectin receptor-1 phosphorylative desensitization as a novel mechanism of reduced renal sodium excretion in hypertension. <i>Clinical Science</i> , 2020, 134, 2453-2467.	1.8	11
38	Endothelial Autophagy in Coronary Microvascular Dysfunction and Cardiovascular Disease. <i>Cells</i> , 2022, 11, 2081.	1.8	8
39	C1q Complement/Tumor Necrosis Factor-Associated Proteins in Cardiovascular Disease and COVID-19. <i>Proteomes</i> , 2021, 9, 12.	1.7	7
40	T-cadherin deficiency increases vascular vulnerability in T2DM through impaired NO bioactivity. <i>Cardiovascular Diabetology</i> , 2017, 16, 12.	2.7	6
41	Nicotine aggravates vascular adiponectin resistance via ubiquitin-mediated adiponectin receptor degradation in diabetic Apolipoprotein E knockout mouse. <i>Cell Death and Disease</i> , 2021, 12, 508.	2.7	6
42	C1q/TNF-Related Protein 3 Prevents Diabetic Retinopathy via AMPK-Dependent Stabilization of Bloodâ€“Retinal Barrier Tight Junctions. <i>Cells</i> , 2022, 11, 779.	1.8	6
43	Recombinant Elabela-Fc fusion protein has extended plasma half-life and mitigates post-infarct heart dysfunction in rats. <i>International Journal of Cardiology</i> , 2020, 300, 217-218.	0.8	5
44	Differential regulation of TNF receptor 1 and receptor 2 in adiponectin expression following myocardial ischemia. <i>International Journal of Cardiology</i> , 2013, 168, 2201-2206.	0.8	4
45	Targeting Adiponectin Receptor 1 Phosphorylation Against Ischemic Heart Failure. <i>Circulation Research</i> , 2022, 131, .	2.0	4
46	Healthy Coronary Endothelial Cells, Happy Cardiomyocytes. <i>Circulation</i> , 2021, 143, 581-582.	1.6	2
47	â€œKnow Diabetes by Heartâ€“ role of adipocyte-cardiomyocyte communications. <i>Medical Review</i> , 2021, .	0.3	1
48	Response by Gan et al to Letter Regarding Article, â€œSmall Extracellular Microvesicles Mediated Pathological Communications Between Dysfunctional Adipocytes and Cardiomyocytes as a Novel Mechanism Exacerbating Ischemia/Reperfusion Injury in Diabetic Miceâ€“, <i>Circulation</i> , 2020, 142, e99-e100.	1.6	0
49	Response by Ma et al to Letter Regarding Article, â€œmiRNA-Mediated Suppression of a Cardioprotective Cardiokine As a Novel Mechanism Exacerbating Post-MI Remodeling by Sleep Breathing Disordersâ€“, <i>Circulation Research</i> , 2020, 126, e138-e139.	2.0	0
50	Nicotine aggravates vascular adiponectin resistance via ubiquitinâ€“mediated adiponectin receptor degradation in diabetic mice. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
51	Editorial: Functional heart recovery in an adult mammal, the spiny mouse. <i>International Journal of Cardiology</i> , 2021, 342, 63-64.	0.8	0