Yong Zhang

List of Publications by Year in descending order

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52 papers	3,248 citations	172457 29 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	4509 citing authors

#	Article	IF	Citations
1	Nicotine promotes atherosclerosis via ROS-NLRP3-mediated endothelial cell pyroptosis. Cell Death and Disease, 2018, 9, 171.	6.3	371
2	Downregulation of miR-133 and miR-590 contributes to nicotine-induced atrial remodelling in canines. Cardiovascular Research, 2009, 83, 465-472.	3.8	323
3	Melatonin prevents endothelial cell pyroptosis via regulation of long noncoding RNA MEG3/miRâ€223/NLRP3 axis. Journal of Pineal Research, 2018, 64, e12449.	7.4	313
4	MicroRNA-1 downregulation by propranolol in a rat model of myocardial infarction: a new mechanism for ischaemic cardioprotection. Cardiovascular Research, 2009, 84, 434-441.	3.8	148
5	LncRNA ZFAS1 as a SERCA2a Inhibitor to Cause Intracellular Ca ²⁺ Overload and Contractile Dysfunction in a Mouse Model of Myocardial Infarction. Circulation Research, 2018, 122, 1354-1368.	4.5	147
6	MicroRNA-26a prevents endothelial cell apoptosis by directly targeting TRPC6 in the setting of atherosclerosis. Scientific Reports, 2015, 5, 9401.	3.3	127
7	Reciprocal Changes of Circulating Long Non-Coding RNAs ZFAS1 and CDR1AS Predict Acute Myocardial Infarction. Scientific Reports, 2016, 6, 22384.	3.3	109
8	Î²-Blocker carvedilol protects cardiomyocytes against oxidative stress-induced apoptosis by up-regulating miR-133 expression. Journal of Molecular and Cellular Cardiology, 2014, 75, 111-121.	1.9	99
9	MicroRNA-328 as a regulator of cardiac hypertrophy. International Journal of Cardiology, 2014, 173, 268-276.	1.7	84
10	Regulation of Insulin Resistance by Multiple MiRNAs via Targeting the GLUT4 Signalling Pathway. Cellular Physiology and Biochemistry, 2016, 38, 2063-2078.	1.6	83
11	Tanshinone IIA Inhibits miR-1 Expression through p38 MAPK Signal Pathway in Post-infarction Rat Cardiomyocytes. Cellular Physiology and Biochemistry, 2010, 26, 991-998.	1.6	80
12	Upregulation of microRNA-1 and microRNA-133 contributes to arsenic-induced cardiac electrical remodeling. International Journal of Cardiology, 2013, 167, 2798-2805.	1.7	79
13	Berberine Hydrochloride Prevents Postsurgery Intestinal Adhesion and Inflammation in Rats. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 417-426.	2.5	79
14	Shensong Yangxin Capsule prevents diabetic myocardial fibrosis by inhibiting TGF-Î²1/Smad signaling. Journal of Ethnopharmacology, 2014, 157, 161-170.	4.1	70
15	Arsenic Trioxideâ€Induced Apoptosis in H9c2 Cardiomyocytes: Implications in Cardiotoxicity. Basic and Clinical Pharmacology and Toxicology, 2008, 102, 419-425.	2.5	69
16	miR-106a promotes cardiac hypertrophy by targeting mitofusin 2. Journal of Molecular and Cellular Cardiology, 2016, 99, 207-217.	1.9	61
17	Long non-coding RNA CCRR controls cardiac conduction via regulating intercellular coupling. Nature Communications, 2018, 9, 4176.	12.8	60
18	lncRNA-ZFAS1 induces mitochondria-mediated apoptosis by causing cytosolic Ca2+ overload in myocardial infarction mice model. Cell Death and Disease, 2019, 10, 942.	6.3	60

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19	Genistein alleviates pressure overloadâ€induced cardiac dysfunction and interstitial fibrosis in mice. British Journal of Pharmacology, 2015, 172, 5559-5572.	5.4	55
20	Overexpression of microRNA-1 Causes Atrioventricular Block in Rodents. International Journal of Biological Sciences, 2013, 9, 455-462.	6.4	54
21	Downregulation of miR-522 suppresses proliferation and metastasis of non-small cell lung cancer cells by directly targeting DENN/MADD domain containing 2D. Scientific Reports, 2016, 6, 19346.	3.3	48
22	Endothelial to mesenchymal transition contributes to arsenic-trioxide-induced cardiac fibrosis. Scientific Reports, 2016, 6, 33787.	3.3	44
23	MiR-519d suppresses breast cancer tumorigenesis and metastasis via targeting MMP3. International Journal of Biological Sciences, 2018, 14, 228-236.	6.4	44
24	Long nonâ€coding RNA cardiac hypertrophyâ€associated regulator governs cardiac hypertrophy via regulating miRâ€20b and the downstream PTEN/AKT pathway. Journal of Cellular and Molecular Medicine, 2019, 23, 7685-7698.	3.6	44
25	Bisphenol A, an environmental estrogen-like toxic chemical, induces cardiac fibrosis by activating the ERK1/2 pathway. Toxicology Letters, 2016, 250-251, 1-9.	0.8	42
26	Low-Intensity Pulsed Ultrasound Prevents the Oxidative Stress Induced Endothelial-Mesenchymal Transition in Human Aortic Endothelial Cells. Cellular Physiology and Biochemistry, 2018, 45, 1350-1365.	1.6	40
27	Long non-coding RNAs as new regulators of cardiac electrophysiology and arrhythmias: Molecular mechanisms, therapeutic implications and challenges. , 2019, 203, 107389.		38
28	Fibroblast growth factor 21 inhibited ischemic arrhythmias via targeting miR-143/EGR1 axis. Basic Research in Cardiology, 2020, 115, 9.	5.9	38
29	GDF11 inhibits cardiomyocyte pyroptosis and exerts cardioprotection in acute myocardial infarction mice by upregulation of transcription factor HOXA3. Cell Death and Disease, 2020, 11, 917.	6.3	38
30	MicroRNA Expression Analysis: Clinical Advantage of Propranolol Reveals Key MicroRNAs in Myocardial Infarction. PLoS ONE, 2011, 6, e14736.	2.5	36
31	Emodin alleviates cardiac fibrosis by suppressing activation of cardiac fibroblasts via upregulating metastasis associated protein 3. Acta Pharmaceutica Sinica B, 2019, 9, 724-733.	12.0	32
32	Low-intensity pulsed ultrasound promotes Schwann cell viability and proliferation via the GSK-3Î²/Î²-catenin signaling pathway. International Journal of Biological Sciences, 2018, 14, 497-507.	6.4	30
33	Expression profile of long non-coding RNAs in a mouse model of cardiac hypertrophy. International Journal of Cardiology, 2014, 177, 73-75.	1.7	27
34	MicroRNA-17 impairs glucose metabolism in insulin-resistant skeletal muscle via repressing glucose transporter 4 expression. European Journal of Pharmacology, 2018, 838, 170-176.	3.5	25
35	Apoptosis-inducing effects and growth inhibitory of a novel chalcone, in human hepatic cancer cells and lung cancer cells. Biomedicine and Pharmacotherapy, 2018, 105, 195-203.	5.6	24
36	Emodin improves glucose metabolism by targeting microRNA-20b in insulin-resistant skeletal muscle. Phytomedicine, 2019, 59, 152758.	5.3	23

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37	Endothelial to mesenchymal transition contributes to nicotine-induced atherosclerosis. Theranostics, 2020, 10, 5276-5289.	10.0	23
38	MiR-367 regulates cell proliferation and metastasis by targeting metastasis-associated protein 3 (MTA3) in clear-cell renal cell carcinoma. Oncotarget, 2017, 8, 63084-63095.	1.8	22
39	Berberine prevents primary peritoneal adhesion and adhesion reformation by directly inhibiting TIMP-1. Acta Pharmaceutica Sinica B, 2020, 10, 812-824.	12.0	21
40	The anti-hyperglycemic efficacy of a lipid-lowering drug Daming capsule and the underlying signaling mechanisms in a rat model of diabetes mellitus. Scientific Reports, 2016, 6, 34284.	3.3	18
41	SIRT6-mediated transcriptional suppression of MALAT1 is a key mechanism for endothelial to mesenchymal transition. International Journal of Cardiology, 2019, 295, 7-13.	1.7	18
42	Kanglexin delays heart aging by promoting mitophagy. Acta Pharmacologica Sinica, 2022, 43, 613-623.	6.1	18
43	Metoprolol protects against myocardial infarction by inhibiting miR-1 expression in rats. Journal of Pharmacy and Pharmacology, 2019, 72, 76-83.	2.4	13
44	MicroRNAâ€‘1 downregulation induced by carvedilol protects cardiomyocytes against apoptosis by targeting heat shock protein 60. Molecular Medicine Reports, 2019, 19, 3527-3536.	2.4	12
45	LncRNA MIAT impairs cardiac contractile function by acting on mitochondrial translocator protein TSPO in a mouse model of myocardial infarction. Signal Transduction and Targeted Therapy, 2021, 6, 172.	17.1	12
46	MIAT, a potent CVD-promoting lncRNA. Cellular and Molecular Life Sciences, 2022, 79, 1.	5.4	12
47	miR-150 regulates glucose utilization through targeting GLUT4 in insulin-resistant cardiomyocytes. Acta Biochimica Et Biophysica Sinica, 2020, 52, 1111-1119.	2.0	10
48	Aloe-emodin derivative produces anti-atherosclerosis effect by reinforcing AMBRA1-mediated endothelial autophagy. European Journal of Pharmacology, 2022, 916, 174641.	3.5	7
49	LncRNA LOC105378097 inhibits cardiac mitophagy in natural ageing mice. Clinical and Translational Medicine, 2022, 12, .	4.0	7
50	High glucose promotes hepatic fibrosis via miRâ€‘32/MTA3â€‘mediated epithelialâ€‘toâ€‘mesenchymal transition. Molecular Medicine Reports, 2019, 19, 3190-3200.	2.4	6
51	Detecting Establishment of Shared Blood Supply in Parabiotic Mice by Caudal Vein Glucose Injection. Journal of Visualized Experiments, 2020, , .	0.3	3
52	MiR-203 is an anti-obese microRNA by targeting apical sodium-dependent bile acid transporter. IScience, 2022, 25, 104708.	4.1	2