Chen Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Identification of Cardiac CircRNAs in Mice With CVB3-Induced Myocarditis. Frontiers in Cell and Developmental Biology, 2022, 10, 760509.	1.8	2
2	Overexpression of cytosolic long noncoding RNA cytb protects against pressure-overload-induced heart failure via sponging microRNA-103-3p. Molecular Therapy - Nucleic Acids, 2022, 27, 1127-1145.	2.3	6
3	Biological Functions and Clinical Prospects of Extracellular Non-Coding RNAs in Diabetic Cardiomyopathy: an Updated Review. Journal of Cardiovascular Translational Research, 2022, 15, 469-476.	1.1	4
4	DYRK1B-STAT3 Drives Cardiac Hypertrophy and Heart Failure by Impairing Mitochondrial Bioenergetics. Circulation, 2022, 145, 829-846.	1.6	63
5	Soluble ST2 Is a Sensitive and Specific Biomarker for Fulminant Myocarditis. Journal of the American Heart Association, 2022, 11, e024417.	1.6	16
6	Hyperglycemic memory in diabetic cardiomyopathy. Frontiers of Medicine, 2022, 16, 25-38.	1.5	7
7	å†çŠ¶åŠ¨è"‰å¾®å¾ªçޝ釿ž"与åįfèi€ç®iç−¾ç— Scientia Sinica Vitae, 2022, , .	0.1	0
8	MicroRNAs in cardiovascular diseases. Medical Review, 2022, 2, 140-168.	0.3	1
9	Epoxyeicosatrienoic acid: A potential therapeutic target of heart failure with preserved ejection fraction. Biomedicine and Pharmacotherapy, 2022, 153, 113326.	2.5	4
10	Regulatory roles of circRNAs in adipogenesis and lipid metabolism: emerging insights into lipidâ€related diseases. FEBS Journal, 2021, 288, 3663-3682.	2.2	23
11	Mortality and preâ€hospitalization use of lowâ€dose aspirin in COVIDâ€19 patients with coronary artery disease. Journal of Cellular and Molecular Medicine, 2021, 25, 1263-1273.	1.6	43
12	The effects of extremely low frequency electromagnetic fields exposure at 1 mT on hemogram and blood biochemisgtry in rats. Electromagnetic Biology and Medicine, 2021, 40, 138-149.	0.7	2
13	The role of miR-320 in glucose and lipid metabolism disorder-associated diseases. International Journal of Biological Sciences, 2021, 17, 402-416.	2.6	35
14	CD36 Signaling in Diabetic Cardiomyopathy. , 2021, 12, 826.		15
15	Metabolism pathways of arachidonic acids: mechanisms and potential therapeutic targets. Signal Transduction and Targeted Therapy, 2021, 6, 94.	7.1	406
16	The Role of Epoxyeicosatrienoic Acids in Cardiac Remodeling. Frontiers in Physiology, 2021, 12, 642470.	1.3	32
17	The double face of miR-320: cardiomyocytes-derived miR-320 deteriorated while fibroblasts-derived miR-320 protected against heart failure induced by transverse aortic constriction. Signal Transduction and Targeted Therapy, 2021, 6, 69.	7.1	23
18	Association of glycosylated haemoglobin HbA1c levels with outcome in patients with COVIDâ€19: A Retrospective Study. Journal of Cellular and Molecular Medicine, 2021, 25, 3484-3497.	1.6	12

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19	LncRNA ZNF593-AS Alleviates Contractile Dysfunction in Dilated Cardiomyopathy. Circulation Research, 2021, 128, 1708-1723.	2.0	25
20	LARP7 Protects Against Heart Failure by Enhancing Mitochondrial Biogenesis. Circulation, 2021, 143, 2007-2022.	1.6	35
21	Roles of MicroRNAs in Glucose and Lipid Metabolism in the Heart. Frontiers in Cardiovascular Medicine, 2021, 8, 716213.	1.1	8
22	Expression Profiles and Potential Functions of Long Non-Coding RNAs in the Heart of Mice With Coxsackie B3 Virus-Induced Myocarditis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 704919.	1.8	7
23	Macrophage MST1/2 Disruption Impairs Post-Infarction Cardiac Repair via LTB4. Circulation Research, 2021, 129, 909-926.	2.0	18
24	miR-320a induces pancreatic β cells dysfunction in diabetes by inhibiting MafF. Molecular Therapy - Nucleic Acids, 2021, 26, 444-457.	2.3	11
25	Energy metabolism homeostasis in cardiovascular diseases Journal of Geriatric Cardiology, 2021, 18, 1044-1057.	0.2	3
26	Nuclear miR-665 aggravates heart failure via suppressing phosphatase and tensin homolog transcription. Science China Life Sciences, 2020, 63, 724-736.	2.3	19
27	Identification of ncRNA-Mediated Functions of Nucleus-Localized miR-320 in Cardiomyocytes. Molecular Therapy - Nucleic Acids, 2020, 19, 132-143.	2.3	14
28	Adenosine 2A Receptor Activation Contributes to Ang Il–Induced Aortic Remodeling by Promoting Macrophage Retention. Hypertension, 2020, 75, 119-130.	1.3	8
29	A Key GWAS-Identified Genetic Variant Contributes to Hyperlipidemia by Upregulating miR-320a. IScience, 2020, 23, 101788.	1.9	4
30	Cardioprotective Effect of Decorin in Type 2 Diabetes. Frontiers in Endocrinology, 2020, 11, 479258.	1.5	11
31	A KEY GWAS-IDENTIFIED GENETIC VARIANT CONTRIBUTES TO HYPERLIPIDEMIA BY UP-REGULATING A SPECIFIC MICRORNA MIR-320A. Journal of the American College of Cardiology, 2020, 75, 2197.	1.2	0
32	The potential effects of DPPâ€4 inhibitors on cardiovascular system in COVIDâ€19 patients. Journal of Cellular and Molecular Medicine, 2020, 24, 10274-10278.	1.6	29
33	Trimetazidine Inhibits Renal Tubular Epithelial Cells to Mesenchymal Transition in Diabetic Rats via Upregulation of Sirt1. Frontiers in Pharmacology, 2020, 11, 1136.	1.6	24
34	An Investigation Into the Effects of Longâ€Term 50â€Hz Powerâ€Frequency Electromagnetic Field Exposure on Hematogram, Blood Chemistry, Fibrosis, and Oxidant Stress Status in the Liver and the Kidney From Sprague–Dawley Rats. Bioelectromagnetics, 2020, 41, 511-525.	0.9	3
35	Acyl-CoA thioesterase 1 prevents cardiomyocytes from Doxorubicin-induced ferroptosis via shaping the lipid composition. Cell Death and Disease, 2020, 11, 756.	2.7	63
36	The Cell Type–Specific Functions of miR-21 in Cardiovascular Diseases. Frontiers in Genetics, 2020, 11, 563166.	1.1	27

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37	Fulminant myocarditis: a comprehensive review from etiology to treatments and outcomes. Signal Transduction and Targeted Therapy, 2020, 5, 287.	7.1	72
38	Cardiac injuries in coronavirus disease 2019 (COVID-19). Journal of Molecular and Cellular Cardiology, 2020, 145, 25-29.	0.9	26
39	SARS-CoV-2: aÂpotential novel etiology of fulminant myocarditis. Herz, 2020, 45, 230-232.	0.4	288
40	Circulating miR-4763-3p Is a Novel Potential Biomarker Candidate for Human Adult Fulminant Myocarditis. Molecular Therapy - Methods and Clinical Development, 2020, 17, 1079-1087.	1.8	21
41	Good or bad: Application of RAAS inhibitors in COVID-19 patients with cardiovascular comorbidities. , 2020, 215, 107628.		41
42	Examination of the Effect of a 50-Hz Electromagnetic Field at 500 μT on Parameters Related With the Cardiovascular System in Rats. Frontiers in Public Health, 2020, 8, 87.	1.3	5
43	Subcellular microRNAs in diabetic cardiomyopathy. Annals of Translational Medicine, 2020, 8, 1602-1602.	0.7	6
44	Overexpression of miR‑30c‑5p reduces cellular cytotoxicity and inhibits the formation of kidney stones through ATG5. International Journal of Molecular Medicine, 2020, 45, 375-384.	1.8	8
45	Cystathionine Î ³ Lyase Sulfhydrates the RNA Binding Protein Human Antigen R to Preserve Endothelial Cell Function and Delay Atherogenesis. Circulation, 2019, 139, 101-114.	1.6	103
46	The Different Roles of miRNA-92a-2-5p and let-7b-5p in Mitochondrial Translation in db/db Mice. Molecular Therapy - Nucleic Acids, 2019, 17, 424-435.	2.3	43
47	A LIFE SUPPORT-BASED COMPREHENSIVE TREATMENT REGIMEN DRAMATICALLY LOWERS THE IN-HOSPITAL MORTALITY OF PATIENTS WITH FULMINANT MYOCARDITIS: A MULTIPLE CENTER STUDY. Journal of the American College of Cardiology, 2019, 73, 840.	1.2	0
48	Resveratrol Attenuates Pressure Overloadâ€Induced Cardiac Fibrosis and Diastolic Dysfunction via PTEN/AKT/Smad2/3 and NFâ€IºB Signaling Pathways. Molecular Nutrition and Food Research, 2019, 63, e1900418.	1.5	32
49	Nuclear miR-320 Mediates Diabetes-Induced Cardiac Dysfunction by Activating Transcription of Fatty Acid Metabolic Genes to Cause Lipotoxicity in the Heart. Circulation Research, 2019, 125, 1106-1120.	2.0	127
50	Circulating Long Non-coding RNA ENST00000507296 Is a Prognostic Indicator in Patients with Dilated Cardiomyopathy. Molecular Therapy - Nucleic Acids, 2019, 16, 82-90.	2.3	22
51	Amlodipine induces vasodilation via Akt2/Sp1â€activated miRâ€21 in smooth muscle cells. British Journal of Pharmacology, 2019, 176, 2306-2320.	2.7	17
52	Exposure to 50 Hz magnetic field at 100 ÂμT exert no DNA damage in cardiomyocytes. Biology Open, 2019, 8, .	0.6	9
53	PPARα ligand, AVE8134, and cyclooxygenase inhibitor therapy synergistically suppress lung cancer growth and metastasis. BMC Cancer, 2019, 19, 1166.	1.1	16
54	Power-frequency magnetic fields at 50ÂHz do not affect fertility and development in rats and mice. Electromagnetic Biology and Medicine, 2019, 38, 111-122.	0.7	6

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55	MiR-30c/PGC-1β protects against diabetic cardiomyopathy via PPARα. Cardiovascular Diabetology, 2019, 18, 7.	2.7	76
56	Resveratrol as a new inhibitor of immunoproteasome prevents PTEN degradation and attenuates cardiac hypertrophy after pressure overload. Redox Biology, 2019, 20, 390-401.	3.9	74
57	Ranolazine prevents pressure overloadâ€induced cardiac hypertrophy and heart failure by restoring aberrant Na ⁺ and Ca ²⁺ handling. Journal of Cellular Physiology, 2019, 234, 11587-11601.	2.0	46
58	MiR-320a induces diabetic nephropathy via inhibiting MafB. Aging, 2019, 11, 3055-3079.	1.4	43
59	Identification of cardiac long non-coding RNA profile in human dilated cardiomyopathy. Cardiovascular Research, 2018, 114, 747-758.	1.8	43
60	AMPKα2 Protects Against the Development of Heart Failure by Enhancing Mitophagy via PINK1 Phosphorylation. Circulation Research, 2018, 122, 712-729.	2.0	250
61	Recombinant Adeno-Associated Virus-Mediated Delivery of MicroRNA-21-3p Lowers Hypertension. Molecular Therapy - Nucleic Acids, 2018, 11, 354-366.	2.3	17
62	MiR-124 aggravates failing hearts by suppressing CD151-facilitated angiogenesis in heart. Oncotarget, 2018, 9, 14382-14396.	0.8	32
63	Trimetazidine Attenuates Cardiac Dysfunction in Endotoxemia and Sepsis by Promoting Neutrophil Migration. Frontiers in Immunology, 2018, 9, 2015.	2.2	48
64	ADRB2 polymorphism Arg16Gly modifies the natural outcome of heart failure and dictates therapeutic response to β-blockers in patients with heart failure. Cell Discovery, 2018, 4, 57.	3.1	26
65	MiR-21 protected against diabetic cardiomyopathy induced diastolic dysfunction by targeting gelsolin. Cardiovascular Diabetology, 2018, 17, 123.	2.7	67
66	miR-217 Promotes Cardiac Hypertrophy and Dysfunction by Targeting PTEN. Molecular Therapy - Nucleic Acids, 2018, 12, 254-266.	2.3	101
67	MiR-665 aggravates heart failure via suppressing CD34-mediated coronary microvessel angiogenesis. Aging, 2018, 10, 2459-2479.	1.4	38
68	MiR-30c protects diabetic nephropathy by suppressing epithelial-to-mesenchymal transition in db/db mice. Aging Cell, 2017, 16, 387-400.	3.0	84
69	Mir30c Is Involved in Diabetic Cardiomyopathy through Regulation of Cardiac Autophagy via BECN1. Molecular Therapy - Nucleic Acids, 2017, 7, 127-139.	2.3	51
70	CYP2J2 metabolites, epoxyeicosatrienoic acids, attenuate Ang II-induced cardiac fibrotic response by targeting Cα12/13. Journal of Lipid Research, 2017, 58, 1338-1353.	2.0	29
71	Overexpression of decorin promoted angiogenesis in diabetic cardiomyopathy via IGF1R-AKT-VEGF signaling. Scientific Reports, 2017, 7, 44473.	1.6	33
72	P2y12 Receptor Promotes Pressure Overload–Induced Cardiac Remodeling via Platelet-Driven Inflammation in Mice. Hypertension, 2017, 70, 759-769.	1.3	31

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73	MicroRNA-122 regulates caspase-8 and promotes the apoptosis of mouse cardiomyocytes. Brazilian Journal of Medical and Biological Research, 2017, 50, e5760.	0.7	24
74	MiR-30c-5p ameliorates hepatic steatosis in leptin receptor-deficient (db/db) mice via down-regulating FASN. Oncotarget, 2017, 8, 13450-13463.	0.8	29
75	miR-320a mediates doxorubicin-induced cardiotoxicity by targeting VEGF signal pathway. Aging, 2016, 8, 192-207.	1.4	76
76	Effects of 100-μT extremely low frequency electromagnetic fields exposure on hematograms and blood chemistry in rats. Journal of Radiation Research, 2016, 57, 16-24.	0.8	19
77	The effects of a 50-Hz magnetic field on the cardiovascular system in rats. Journal of Radiation Research, 2016, 57, 627-636.	0.8	10
78	<scp>CYP</scp> 2J2 and its metabolites (epoxyeicosatrienoic acids) attenuate cardiac hypertrophy by activating <scp>AMPK</scp> α2 and enhancing nuclear translocation of Akt1. Aging Cell, 2016, 15, 940-952.	3.0	33
79	Deregulation of <scp>XBP</scp> 1 expression contributes to myocardial vascular endothelial growth factorâ€A expression and angiogenesis during cardiac hypertrophy <i>inÂvivo</i> . Aging Cell, 2016, 15, 625-633.	3.0	60
80	MicroRNA-21 Lowers Blood Pressure in Spontaneous Hypertensive Rats by Upregulating Mitochondrial Translation. Circulation, 2016, 134, 734-751.	1.6	134
81	Trimetazidine prevents macrophageâ€mediated septic myocardial dysfunction via activation of the histone deacetylase sirtuin 1. British Journal of Pharmacology, 2016, 173, 545-561.	2.7	102
82	Long-term exposure to ELF-MF ameliorates cognitive deficits and attenuates tau hyperphosphorylation in 3xTg AD mice. NeuroToxicology, 2016, 53, 290-300.	1.4	14
83	Meta-analysis of extremely low frequency electromagnetic fields and cancer risk: a pooled analysis of epidemiologic studies. Environment International, 2016, 88, 36-43.	4.8	43
84	Effects of extremely low frequency electromagnetic fields (100 μT) on behaviors in rats. NeuroToxicology, 2016, 52, 104-113.	1.4	23
85	Identification of cardiac-related circulating microRNA profile in human chronic heart failure. Oncotarget, 2016, 7, 33-45.	0.8	76
86	MicroRNA regulation of unfolded protein response transcription factor XBP1 in the progression of cardiac hypertrophy and heart failure in vivo. Journal of Translational Medicine, 2015, 13, 363.	1.8	54
87	CYP2J2 overexpression ameliorates hyperlipidemia via increased fatty acid oxidation mediated by the AMPK pathway. Obesity, 2015, 23, 1401-1413.	1.5	26
88	Cardiomyocyte-specific expression of CYP2J2 prevents development of cardiac remodelling induced by angiotensin II. Cardiovascular Research, 2015, 105, 304-317.	1.8	59
89	CYP2J2 attenuates metabolic dysfunction in diabetic mice by reducing hepatic inflammation via the PPARÎ ³ . American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E270-E282.	1.8	54
90	Cardiomyocyte specific expression of Acyl-coA thioesterase 1 attenuates sepsis induced cardiac dysfunction and mortality. Biochemical and Biophysical Research Communications, 2015, 468, 533-540.	1.0	12

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91	Epoxyeicosatrienoic Acids Regulate Macrophage Polarization and Prevent LPSâ€Induced Cardiac Dysfunction. Journal of Cellular Physiology, 2015, 230, 2108-2119.	2.0	71
92	CYP epoxygenase 2J2 prevents cardiac fibrosis by suppression of transmission of pro-inflammation from cardiomyocytes to macrophages. Prostaglandins and Other Lipid Mediators, 2015, 116-117, 64-75.	1.0	29
93	MicroRNAâ€214 Is Upregulated in Heart Failure Patients and Suppresses XBP1â€Mediated Endothelial Cells Angiogenesis. Journal of Cellular Physiology, 2015, 230, 1964-1973.	2.0	84
94	Cytochrome P450-CYP2 Family-Epoxygenase Role in Inflammation and Cancer. Advances in Pharmacology, 2015, 74, 193-221.	1.2	15
95	MiRâ€320a contributes to atherogenesis by augmenting multiple risk factors and downâ€regulating <scp>SRF</scp> . Journal of Cellular and Molecular Medicine, 2015, 19, 970-985.	1.6	89
96	miR-21-3p regulates cardiac hypertrophic response by targeting histone deacetylase-8. Cardiovascular Research, 2015, 105, 340-352.	1.8	109
97	Chronic inhibition of cyclic guanosine monophosphate-specific phosphodiesterase 5 prevented cardiac fibrosis through inhibition of transforming growth factor Î ² -induced Smad signaling. Frontiers of Medicine, 2014, 8, 445-455.	1.5	36
98	Circulating microRNAs in cardiovascular diseases: from biomarkers to therapeutic targets. Frontiers of Medicine, 2014, 8, 404-418.	1.5	34
99	Meta-analysis of Hsa-mir-499 polymorphism (rs3746444) for cancer risk: evidence from 31 case-control studies. BMC Medical Genetics, 2014, 15, 126.	2.1	33
100	CYP2J2-Derived Epoxyeicosatrienoic Acids Suppress Endoplasmic Reticulum Stress in Heart Failure. Molecular Pharmacology, 2014, 85, 105-115.	1.0	78
101	Atherosclerosis-Related Circulating miRNAs as Novel and Sensitive Predictors for Acute Myocardial Infarction. PLoS ONE, 2014, 9, e105734.	1.1	72
102	Plasma microRNA-133a is a new marker for both acute myocardial infarction and underlying coronary artery stenosis. Journal of Translational Medicine, 2013, 11, 222.	1.8	113
103	Circulating miR-30a, miR-126 and let-7b as biomarker for ischemic stroke in humans. BMC Neurology, 2013, 13, 178.	0.8	171
104	Chronic inhibition of cGMPâ€specific phosphodiesterase 5 suppresses endoplasmic reticulum stress in heart failure. British Journal of Pharmacology, 2013, 170, 1396-1409.	2.7	35
105	Cardiac-Specific Overexpression of CYP2J2 Attenuates Diabetic Cardiomyopathy in Male Streptozotocin-Induced Diabetic Mice. Endocrinology, 2013, 154, 2843-2856.	1.4	58
106	Endoplasmic Reticulum Stress Participates in Aortic Valve Calcification in Hypercholesterolemic Animals. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2345-2354.	1.1	65
107	Indapamide Lowers Blood Pressure by Increasing Production of Epoxyeicosatrienoic Acids in the Kidney. Molecular Pharmacology, 2013, 84, 286-295.	1.0	23
108	CYP Epoxygenase Derived EETs: From Cardiovascular Protection to Human Cancer Therapy. Current Topics in Medicinal Chemistry, 2013, 13, 1454-1469.	1.0	28

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109	Epoxyeicosatrienoic acids protect rat hearts against tumor necrosis factor-α-induced injury. Journal of Lipid Research, 2012, 53, 456-466.	2.0	50
110	Delivery of AAV2-CYP2J2 Protects Remnant Kidney in the 5/6-Nephrectomized Rat via Inhibition of Apoptosis and Fibrosis. Human Gene Therapy, 2012, 23, 688-699.	1.4	56
111	Human Circulating MicroRNA-1 and MicroRNA-126 as Potential Novel Indicators for Acute Myocardial Infarction. International Journal of Biological Sciences, 2012, 8, 811-818.	2.6	163
112	Cytochrome P450 2J2 is protective against global cerebral ischemia in transgenic mice. Prostaglandins and Other Lipid Mediators, 2012, 99, 68-78.	1.0	40
113	ER Stress Negatively Modulates the Expression of the miR-199a/214 Cluster to Regulates Tumor Survival and Progression in Human Hepatocellular Cancer. PLoS ONE, 2012, 7, e31518.	1.1	130
114	Let-7b Inhibits Human Cancer Phenotype by Targeting Cytochrome P450 Epoxygenase 2J2. PLoS ONE, 2012, 7, e39197.	1.1	54
115	Protective Effects of Acyl-coA Thioesterase 1 on Diabetic Heart via PPARα/PGC1α Signaling. PLoS ONE, 2012, 7, e50376.	1.1	39
116	Circulating miR-30a, miR-195 and let-7b Associated with Acute Myocardial Infarction. PLoS ONE, 2012, 7, e50926.	1.1	118
117	Epoxyeicosatrienoic Acids Attenuate Reactive Oxygen Species Level, Mitochondrial Dysfunction, Caspase Activation, and Apoptosis in Carcinoma Cells Treated with Arsenic Trioxide. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 451-463.	1.3	73
118	Cytochrome P450 2J2 Is Highly Expressed in Hematologic Malignant Diseases and Promotes Tumor Cell Growth. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 344-355.	1.3	87
119	Improvement of mechanical heart function by trimetazidine in db/db mice. Acta Pharmacologica Sinica, 2010, 31, 560-569.	2.8	36
120	The epoxyeicosatrienoic acid-stimulated phosphorylation of EGF-R involves the activation of metalloproteinases and the release of HB-EGF in cancer cells. Acta Pharmacologica Sinica, 2010, 31, 211-218.	2.8	17
121	Selective Inhibitors of CYP2J2 Related to Terfenadine Exhibit Strong Activity against Human Cancers in Vitro and in Vivo. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 908-918.	1.3	96
122	Effect of atorvastatin on tumor growth and metastasis in a breast cancer cell xenograft model and its mechanism. Frontiers of Medicine in China, 2009, 3, 443-446.	0.1	1
123	Cytochrome <i>P</i> 450 Epoxygenase Promotes Human Cancer Metastasis. Cancer Research, 2007, 67, 6665-6674.	0.4	192