

Min Zi

List of Publications by Year in descending order

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49
papers

1,543
citations

430874

18
h-index

414414

32
g-index

53
all docs

53
docs citations

53
times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative phenotypic and genomic analysis of C57BL/6J and C57BL/6N mouse strains. <i>Genome Biology</i> , 2013, 14, R82.	9.6	403
2	Pak1 as a Novel Therapeutic Target for Antihypertrophic Treatment in the Heart. <i>Circulation</i> , 2011, 124, 2702-2715.	1.6	106
3	Neuronal Nitric Oxide Synthase Signaling in the Heart Is Regulated by the Sarcolemmal Calcium Pump 4b. <i>Circulation</i> , 2007, 115, 483-492.	1.6	99
4	Targeted Deletion of the Extracellular Signal-Regulated Protein Kinase 5 Attenuates Hypertrophic Response and Promotes Pressure Overload-Induced Apoptosis in the Heart. <i>Circulation Research</i> , 2010, 106, 961-970.	4.5	75
5	Plasma Membrane Calcium Pump (PMCA4)-Neuronal Nitric-oxide Synthase Complex Regulates Cardiac Contractility through Modulation of a Compartmentalized Cyclic Nucleotide Microdomain. <i>Journal of Biological Chemistry</i> , 2011, 286, 41520-41529.	3.4	69
6	Cardiac-Specific Deletion of <i>Mkk4</i> Reveals Its Role in Pathological Hypertrophic Remodeling but Not in Physiological Cardiac Growth. <i>Circulation Research</i> , 2009, 104, 905-914.	4.5	67
7	Pharmacological inhibition of Hippo pathway, with the novel kinase inhibitor <i>XMU-015</i> , protects the heart against adverse effects during pressure overload. <i>British Journal of Pharmacology</i> , 2019, 176, 3956-3971.	5.4	67
8	Tumor Suppressor Ras-Association Domain Family 1 Isoform A Is a Novel Regulator of Cardiac Hypertrophy. <i>Circulation</i> , 2009, 120, 607-616.	1.6	60
9	Metabolic stress-induced cardiomyopathy is caused by mitochondrial dysfunction due to attenuated Erk5 signaling. <i>Nature Communications</i> , 2017, 8, 494.	12.8	59
10	A Novel Immunomodulator, FTY-720 Reverses Existing Cardiac Hypertrophy and Fibrosis From Pressure Overload by Targeting NFAT (Nuclear Factor of Activated T-cells) Signaling and Periostin. <i>Circulation: Heart Failure</i> , 2013, 6, 833-844.	3.9	57
11	The effect of quinapril on functional status of elderly patients with diastolic heart failure. <i>Cardiovascular Drugs and Therapy</i> , 2003, 17, 133-139.	2.6	53
12	The plasma membrane calcium ATPase 4 signalling in cardiac fibroblasts mediates cardiomyocyte hypertrophy. <i>Nature Communications</i> , 2016, 7, 11074.	12.8	52
13	Circulating Histone Concentrations Differentially Affect the Predominance of Left or Right Ventricular Dysfunction in Critical Illness. <i>Critical Care Medicine</i> , 2016, 44, e278-e288.	0.9	37
14	Targeted deletion of ERK2 in cardiomyocytes attenuates hypertrophic response but provokes pathological stress induced cardiac dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 72, 104-116.	1.9	34
15	Deprivation of MKK7 in cardiomyocytes provokes heart failure in mice when exposed to pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 702-711.	1.9	31
16	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. <i>Scientific Reports</i> , 2020, 10, 11279.	3.3	30
17	The Mammalian Ste20-like Kinase 2 (Mst2) Modulates Stress-induced Cardiac Hypertrophy. <i>Journal of Biological Chemistry</i> , 2014, 289, 24275-24288.	3.4	26
18	Intrinsic Electrical Remodeling Underlies Atrioventricular Block in Athletes. <i>Circulation Research</i> , 2021, 129, e1-e20.	4.5	23

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19	Atrioventricular Node Dysfunction and Ion Channel Transcriptome in Pulmonary Hypertension. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	22
20	Cardiac hypertrophy or failure? - A systematic evaluation of the transverse aortic constriction model in C57BL/6NTac and C57BL/6J substrains. <i>Current Research in Physiology</i> , 2019, 1, 1-10.	1.7	22
21	Smad3 Couples Pak1 With the Antihypertrophic Pathway Through the E3 Ubiquitin Ligase, Fbxo32. <i>Hypertension</i> , 2015, 66, 1176-1183.	2.7	20
22	The oxoglutarate receptor 1 (OXGR1) modulates pressure overload-induced cardiac hypertrophy in mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 708-714.	2.1	20
23	Substrate for the Myocardial Inflammation "Heart Failure Hypothesis Identified Using Novel SPIO Methodology. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 365-376.	5.3	20
24	Stress-Activated Kinase Mitogen-Activated Kinase Kinase-7 Governs Epigenetics of Cardiac Repolarization for Arrhythmia Prevention. <i>Circulation</i> , 2017, 135, 683-699.	1.6	17
25	Signaling via the Interleukin-10 Receptor Attenuates Cardiac Hypertrophy in Mice During Pressure Overload, but not Isoproterenol Infusion. <i>Frontiers in Pharmacology</i> , 2020, 11, 559220.	3.5	15
26	Targeting mir128-3p alleviates myocardial insulin resistance and prevents ischemia-induced heart failure. <i>ELife</i> , 2020, 9, .	6.0	14
27	Reduced expression of <i>PMCA1</i> is associated with increased blood pressure with age which is preceded by remodelling of resistance arteries. <i>Aging Cell</i> , 2017, 16, 1104-1113.	6.7	12
28	Mitogen-activated Protein Kinase Kinase 4 Deficiency in Cardiomyocytes Causes Connexin 43 Reduction and Couples Hypertrophic Signals to Ventricular Arrhythmogenesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 17821-17830.	3.4	11
29	The tumour suppressor Ras-association domain family protein 1A (RASSF1A) regulates TNF- α signalling in cardiomyocytes. <i>Cardiovascular Research</i> , 2014, 103, 47-59.	3.8	10
30	Cardiac mitochondrial function depends on BUD23 mediated ribosome programming. <i>ELife</i> , 2020, 9, .	6.0	10
31	The sarcolemmal calcium pump (PMCA4b) is involved in the development of pressure overload induced hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S137.	1.9	1
32	The Alpha-ketoglutarate Receptor GPR99 Regulates Pathological Cardiac Hypertrophy. <i>Heart</i> , 2014, 100, A100.1-A100.	2.9	1
33	The sarcolemmal calcium pump modulates β -adrenergic hypertrophic signalling. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 1003-1004.	1.9	0
34	Ras-Association Factor 1A (RASSF1A) regulates pressure overload-induced hypertrophy in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 755.	1.9	0
35	PMCA1 Deletion Leads to Increased Blood Pressure and Cardiac Hypertrophy. <i>Heart</i> , 2014, 100, A123.1-A123.	2.9	0
36	Identifying a novel role for pmca1 (atp2b1) in heart rhythm instability. <i>Heart</i> , 2017, 103, A142.1-A142.	2.9	0

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37	140â€¦Heterozygous deletion of pmca1 might serve a protective role in the heart following myocardial infarction. Heart, 2017, 103, A105-A106.	2.9	0
38	217â€¦Genetic ablation of microtubule-associated protein 1s (map1s) protects the heart from pathological hypertrophy via regulation of autophagy. Heart, 2017, 103, A142.2-A142.	2.9	0
39	84â€¦Micro RNA-411 induces cardiomyocyte regeneration by modulating the hippo signalling pathway. , 2018, , .		0
40	88â€¦The effects of genetic ablation of microtubule-associated protein 1s (MAP1S) in regulating autophagy in the heart. , 2018, , .		0
41	201MAP1S ablation impairs survival after MI and the hypertrophic response to pressure overload through mediating cardiac autophagy and apoptosis. Cardiovascular Research, 2018, 114, S53-S53.	3.8	0
42	102â€¦Pharmacological modulation of the hippo pathway protects against adverse cardiac remodelling. , 2018, , .		0
43	89â€¦Heterozygous global deletion of Plasma Membrane Calcium Atpase 1 (PMCA1HT) may reduce cardiac remodelling after transverse aortic constriction in a murine model. , 2019, , .		0
44	PMCA4 inhibition does not affect cardiac remodelling following myocardial infarction, but may reduce susceptibility to arrhythmia. Scientific Reports, 2021, 11, 1518.	3.3	0
45	BS35â€¦Pontin regulates cardiac remodelling by modulating the hippo pathway in cardiomyocytes. , 2021, , .		0
46	Abstract 109: Regulation of TNF-Î± Signaling in Cardiomyocytes via a Novel Interaction Between TNF-Î± Receptor and RASSF1A. Circulation Research, 2012, 111, .	4.5	0
47	Abstract 159: Ablation of the Hypertension Candidate Gene <i>ATP2B1</i> Leads To Deficient Calcium Cycling, Systolic Dysfunction and Heart Failure Following Pressure Overload. Circulation Research, 2014, 115, .	4.5	0
48	Abstract 13798: Ablation of the Hypertension Candidate Gene ATP2B1 Results in Increased Blood Pressure and Cardiac Hypertrophic Remodeling. Circulation, 2014, 130, .	1.6	0
49	Pak2 promotes ERâ€¦dependent cardioprotection. FASEB Journal, 2018, 32, 287.1.	0.5	0