

# Yibin Wang

## List of Publications by Year in descending order

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247  
papers

18,554  
citations

10979

71  
h-index

14736

127  
g-index

254  
all docs

254  
docs citations

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times ranked

24280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Inpatient Use of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers With Mortality Among Patients With Hypertension Hospitalized With COVID-19. <i>Circulation Research</i> , 2020, 126, 1671-1681.	2.0	948
2	Chronic inhibition of cyclic GMP phosphodiesterase 5A prevents and reverses cardiac hypertrophy. <i>Nature Medicine</i> , 2005, 11, 214-222.	15.2	831
3	Cardiac Muscle Cell Hypertrophy and Apoptosis Induced by Distinct Members of the p38 Mitogen-activated Protein Kinase Family. <i>Journal of Biological Chemistry</i> , 1998, 273, 2161-2168.	1.6	766
4	Mitogen-Activated Protein Kinase Signaling in the Heart: Angels Versus Demons in a Heart-Breaking Tale. <i>Physiological Reviews</i> , 2010, 90, 1507-1546.	13.1	610
5	p38 MAP kinase inhibition enables proliferation of adult mammalian cardiomyocytes. <i>Genes and Development</i> , 2005, 19, 1175-1187.	2.7	516
6	Chronic Phospholamban-Sarcoplasmic Reticulum Calcium ATPase Interaction Is the Critical Calcium Cycling Defect in Dilated Cardiomyopathy. <i>Cell</i> , 1999, 99, 313-322.	13.5	482
7	In-Hospital Use of Statins Is Associated with a Reduced Risk of Mortality among Individuals with COVID-19. <i>Cell Metabolism</i> , 2020, 32, 176-187.e4.	7.2	400
8	Catabolic Defect of Branched-Chain Amino Acids Promotes Heart Failure. <i>Circulation</i> , 2016, 133, 2038-2049.	1.6	390
9	Oxidant stress from nitric oxide synthase <sup>3</sup> uncoupling stimulates cardiac pathologic remodeling from chronic pressure load. <i>Journal of Clinical Investigation</i> , 2005, 115, 1221-1231.	3.9	387
10	Chronic suppression of heart-failure progression by a pseudophosphorylated mutant of phospholamban via in vivo cardiac rAAV gene delivery. <i>Nature Medicine</i> , 2002, 8, 864-871.	15.2	344
11	The long noncoding RNA Chaer defines an epigenetic checkpoint in cardiac hypertrophy. <i>Nature Medicine</i> , 2016, 22, 1131-1139.	15.2	331
12	Sustained Activation of JNK/p38 MAPK Pathways in Response to Cisplatin Leads to Fas Ligand Induction and Cell Death in Ovarian Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 19245-19256.	1.6	319
13	Cholesterol-induced macrophage apoptosis requires ER stress pathways and engagement of the type A scavenger receptor. <i>Journal of Cell Biology</i> , 2005, 171, 61-73.	2.3	311
14	Cardiac Hypertrophy Induced by Mitogen-activated Protein Kinase Kinase 7, a Specific Activator for c-Jun NH2-terminal Kinase in Ventricular Muscle Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 5423-5426.	1.6	303
15	Mitogen-Activated Protein Kinases in Heart Development and Diseases. <i>Circulation</i> , 2007, 116, 1413-1423.	1.6	264
16	Involvement of the MKK6-p38 <sup>3</sup> Cascade in <sup>137</sup> I-Radiation-Induced Cell Cycle Arrest. <i>Molecular and Cellular Biology</i> , 2000, 20, 4543-4552.	1.1	247
17	Targeting BCAA Catabolism to Treat Obesity-Associated Insulin Resistance. <i>Diabetes</i> , 2019, 68, 1730-1746.	0.3	201
18	Analysis of Transcriptome Complexity Through RNA Sequencing in Normal and Failing Murine Hearts. <i>Circulation Research</i> , 2011, 109, 1332-1341.	2.0	194

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19	The role of the Grb2-p38 MAPK signaling pathway in cardiac hypertrophy and fibrosis. <i>Journal of Clinical Investigation</i> , 2003, 111, 833-841.	3.9	184
20	Protein phosphatase 2Cm is a critical regulator of branched-chain amino acid catabolism in mice and cultured cells. <i>Journal of Clinical Investigation</i> , 2009, 119, 1678-1687.	3.9	182
21	The Low Molecular Weight GTPase Rho Regulates Myofibril Formation and Organization in Neonatal Rat Ventricular Myocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 7725-7730.	1.6	176
22	Molecular and Functional Signature of Heart Hypertrophy During Pregnancy. <i>Circulation Research</i> , 2005, 96, 1208-1216.	2.0	173
23	Branched-chain amino acid metabolism in heart disease: an epiphenomenon or a real culprit?. <i>Cardiovascular Research</i> , 2011, 90, 220-223.	1.8	167
24	Extracellular Signal-regulated Kinase Plays an Essential Role in Hypertrophic Agonists, Endothelin-1 and Phenylephrine-induced Cardiomyocyte Hypertrophy. <i>Journal of Biological Chemistry</i> , 2000, 275, 37895-37901.	1.6	166
25	p38 Mitogen-Activated Protein Kinase Mediates a Negative Inotropic Effect in Cardiac Myocytes. <i>Circulation Research</i> , 2002, 90, 190-196.	2.0	164
26	NF- $\kappa$ B-dependent fractalkine induction in rat aortic endothelial cells stimulated by IL-1 $\beta$ , TNF- $\alpha$ , and LPS. <i>Journal of Leukocyte Biology</i> , 2000, 67, 577-584.	1.5	157
27	Free Cholesterol Accumulation in Macrophage Membranes Activates Toll-Like Receptors and p38 Mitogen-Activated Protein Kinase and Induces Cathepsin K. <i>Circulation Research</i> , 2009, 104, 455-465.	2.0	157
28	The role of differential activation of p38-mitogen-activated protein kinase in preconditioned ventricular myocytes. <i>FASEB Journal</i> , 2000, 14, 2237-2246.	0.2	152
29	The Hybrid Mouse Diversity Panel: a resource for systems genetics analyses of metabolic and cardiovascular traits. <i>Journal of Lipid Research</i> , 2016, 57, 925-942.	2.0	143
30	Myocardin Induces Cardiomyocyte Hypertrophy. <i>Circulation Research</i> , 2006, 98, 1089-1097.	2.0	137
31	High-Resolution Mapping of Chromatin Conformation in Cardiac Myocytes Reveals Structural Remodeling of the Epigenome in Heart Failure. <i>Circulation</i> , 2017, 136, 1613-1625.	1.6	135
32	c-Jun N-Terminal Kinase Activation Mediates Downregulation of Connexin43 in Cardiomyocytes. <i>Circulation Research</i> , 2002, 91, 640-647.	2.0	134
33	p38 MAP Kinase Mediates Inflammatory Cytokine Induction in Cardiomyocytes and Extracellular Matrix Remodeling in Heart. <i>Circulation</i> , 2005, 111, 2494-2502.	1.6	134
34	The p38 mitogen-activated protein kinase pathway—A potential target for intervention in infarction, hypertrophy, and heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 485-490.	0.9	134
35	Hybrid mouse diversity panel: a panel of inbred mouse strains suitable for analysis of complex genetic traits. <i>Mammalian Genome</i> , 2012, 23, 680-692.	1.0	134
36	Macrophage deficiency of p38 MAPK promotes apoptosis and plaque necrosis in advanced atherosclerotic lesions in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 886-98.	3.9	130

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37	Myc controls transcriptional regulation of cardiac metabolism and mitochondrial biogenesis in response to pathological stress in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 1494-1505.	3.9	130
38	Moderate heart dysfunction in mice with inducible cardiomyocyte-specific excision of the Serca2 gene. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 180-187.	0.9	128
39	A novel mitochondrial matrix serine/threonine protein phosphatase regulates the mitochondria permeability transition pore and is essential for cellular survival and development. <i>Genes and Development</i> , 2007, 21, 784-796.	2.7	125
40	Klf15 Orchestrates Circadian Nitrogen Homeostasis. <i>Cell Metabolism</i> , 2012, 15, 311-323.	7.2	119
41	Redefining Cardiac Biomarkers in Predicting Mortality of Inpatients With COVID-19. <i>Hypertension</i> , 2020, 76, 1104-1112.	1.3	118
42	Stress-Activated MAP Kinases in Cardiac Remodeling and Heart Failure New Insights from Transgenic Studies. <i>Trends in Cardiovascular Medicine</i> , 2004, 14, 50-55.	2.3	117
43	Creatine kinase-mediated improvement of function in failing mouse hearts provides causal evidence the failing heart is energy starved. <i>Journal of Clinical Investigation</i> , 2012, 122, 291-302.	3.9	117
44	Metformin Is Associated with Higher Incidence of Acidosis, but Not Mortality, in Individuals with COVID-19 and Pre-existing Type 2 Diabetes. <i>Cell Metabolism</i> , 2020, 32, 537-547.e3.	7.2	116
45	Junctophilin type 2 is associated with caveolin-3 and is down-regulated in the hypertrophic and dilated cardiomyopathies. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 852-856.	1.0	115
46	RBFox1-mediated RNA splicing regulates cardiac hypertrophy and heart failure. <i>Journal of Clinical Investigation</i> , 2015, 126, 195-206.	3.9	114
47	Type V Collagen in Scar Tissue Regulates the Size of Scar after Heart Injury. <i>Cell</i> , 2020, 182, 545-562.e23.	13.5	113
48	p38 MAP kinases in the heart. <i>Gene</i> , 2016, 575, 369-376.	1.0	112
49	Nitric oxide donors protect murine myocardium against infarction via modulation of mitochondrial permeability transition. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1290-H1295.	1.5	110
50	Role of p38 $\beta$ MAPK in cardiac apoptosis and remodeling after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 38, 617-623.	0.9	107
51	Atrial Chamber-specific Expression of Sarcolipin Is Regulated during Development and Hypertrophic Remodeling. <i>Journal of Biological Chemistry</i> , 2003, 278, 9570-9575.	1.6	102
52	Differential Regulation of Proteasome Function in Isoproterenol-Induced Cardiac Hypertrophy. <i>Circulation Research</i> , 2010, 107, 1094-1101.	2.0	102
53	MAPK-Activated Protein Kinase-2 in Cardiac Hypertrophy and Cyclooxygenase-2 Regulation in Heart. <i>Circulation Research</i> , 2010, 106, 1434-1443.	2.0	101
54	Targeted Activation of c-Jun N-terminal Kinase in Vivo Induces Restrictive Cardiomyopathy and Conduction Defects. <i>Journal of Biological Chemistry</i> , 2004, 279, 15330-15338.	1.6	97

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55	Endothelial deletion of murine <i>Jag1</i> leads to valve calcification and congenital heart defects associated with Alagille syndrome. <i>Development (Cambridge)</i> , 2012, 139, 4449-4460.	1.2	96
56	“Good Enough Solutions” and the Genetics of Complex Diseases. <i>Circulation Research</i> , 2012, 111, 493-504.	2.0	94
57	Low-Dose Sorafenib Acts as a Mitochondrial Uncoupler and Ameliorates Nonalcoholic Steatohepatitis. <i>Cell Metabolism</i> , 2020, 31, 892-908.e11.	7.2	92
58	An accumulation of non-farnesylated prelamin A causes cardiomyopathy but not progeria. <i>Human Molecular Genetics</i> , 2010, 19, 2682-2694.	1.4	91
59	Phosphoproteome Analysis Reveals Regulatory Sites in Major Pathways of Cardiac Mitochondria. <i>Molecular and Cellular Proteomics</i> , 2011, 10, S1-S14.	2.5	90
60	Gut stem cell aging is driven by mTORC1 via a p38 MAPK-p53 pathway. <i>Nature Communications</i> , 2020, 11, 37.	5.8	87
61	The Neutrophil-to-Lymphocyte Ratio Determines Clinical Efficacy of Corticosteroid Therapy in Patients with COVID-19. <i>Cell Metabolism</i> , 2021, 33, 258-269.e3.	7.2	87
62	p38-MAPK Induced Dephosphorylation of $\beta$ -Tropomyosin Is Associated With Depression of Myocardial Sarcomeric Tension and ATPase Activity. <i>Circulation Research</i> , 2007, 100, 408-415.	2.0	86
63	Cardiac Fibroblasts Adopt Osteogenic Fates and Can Be Targeted to Attenuate Pathological Heart Calcification. <i>Cell Stem Cell</i> , 2017, 20, 218-232.e5.	5.2	86
64	MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 148, 46-49.	0.9	85
65	Protein kinetic signatures of the remodeling heart following isoproterenol stimulation. <i>Journal of Clinical Investigation</i> , 2014, 124, 1734-1744.	3.9	83
66	Protective Role of Transient Pore Openings in Calcium Handling by Cardiac Mitochondria. <i>Journal of Biological Chemistry</i> , 2011, 286, 34851-34857.	1.6	81
67	FUNCTIONAL DIVERSITY OF MAMMALIAN TYPE 2C PROTEIN PHOSPHATASE ISOFORMS: NEW TALES FROM AN OLD FAMILY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 107-112.	0.9	79
68	Response by Zhang et al to Letter Regarding Article, “Association of Inpatient Use of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers With Mortality Among Patients With Hypertension Hospitalized With COVID-19” <i>Circulation Research</i> , 2020, 126, e142-e143.	2.0	79
69	Synergistic Roles of Neuregulin-1 and Insulin-like Growth Factor-I in Activation of the Phosphatidylinositol 3-Kinase Pathway and Cardiac Chamber Morphogenesis. <i>Journal of Biological Chemistry</i> , 1999, 274, 37362-37369.	1.6	77
70	Temporal activation of c-Jun N-terminal kinase in adult transgenic heart via cre-loxP-mediated DNA recombination. <i>FASEB Journal</i> , 2003, 17, 749-751.	0.2	76
71	Divergent Mitochondrial Biogenesis Responses in Human Cardiomyopathy. <i>Circulation</i> , 2013, 127, 1957-1967.	1.6	76
72	Induction of apoptosis in vascular smooth muscle cells by mechanical stretch. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H1709-H1716.	1.5	75

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73	Myocardial Remodeling Is Controlled by Myocyte-Targeted Gene Regulation of Phosphodiesterase Type 5. <i>Journal of the American College of Cardiology</i> , 2010, 56, 2021-2030.	1.2	75
74	TAB-1 Modulates Intracellular Localization of p38 MAP Kinase and Downstream Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 6087-6095.	1.6	74
75	Systems-based approaches to cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2012, 9, 172-184.	6.1	74
76	Inducible and cardiac specific PTEN inactivation protects ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 193-200.	0.9	73
77	G i-Biased $\beta_2$ AR Signaling Links GRK2 Upregulation to Heart Failure. <i>Circulation Research</i> , 2012, 110, 265-274.	2.0	72
78	Mapping Genetic Contributions to Cardiac Pathology Induced by Beta-Adrenergic Stimulation in Mice. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 40-49.	5.1	71
79	Sarcoplasmic reticulum calcium defect in Ras-induced hypertrophic cardiomyopathy heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H424-H433.	1.5	70
80	Genetic Dissection of Cardiac Remodeling in an Isoproterenol-Induced Heart Failure Mouse Model. <i>PLoS Genetics</i> , 2016, 12, e1006038.	1.5	70
81	RelB Modulation of $\beta$ -Tubulin Stability as a Mechanism of Transcription Suppression of Interleukin-1 $\beta$ (IL-1 $\beta$ ), IL-1 $\gamma$ , and Tumor Necrosis Factor Alpha in Fibroblasts. <i>Molecular and Cellular Biology</i> , 1999, 19, 7688-7696.	1.1	69
82	Modulation of In Vivo Cardiac Function by Myocyte-Specific Nitric Oxide Synthase-3. <i>Circulation Research</i> , 2004, 94, 657-663.	2.0	65
83	Repression of Sox9 by Jag1 Is Continuously Required to Suppress the Default Chondrogenic Fate of Vascular Smooth Muscle Cells. <i>Developmental Cell</i> , 2014, 31, 707-721.	3.1	65
84	p38 $\beta$ MAPK regulates proliferation and differentiation of osteoclast progenitors and bone remodeling in an aging-dependent manner. <i>Scientific Reports</i> , 2017, 7, 45964.	1.6	64
85	Robust Adenoviral and Adeno-Associated Viral Gene Transfer to the In Vivo Murine Heart. <i>Circulation</i> , 2003, 108, 2790-2797.	1.6	63
86	Absence of progeria-like disease phenotypes in knock-in mice expressing a non-farnesylated version of progerin. <i>Human Molecular Genetics</i> , 2011, 20, 436-444.	1.4	63
87	Branched chain amino acid metabolic reprogramming in heart failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 2270-2275.	1.8	62
88	High-Efficiency, Long-Term Cardiac Expression of Foreign Genes in Living Mouse Embryos and Neonates. <i>Circulation</i> , 2000, 101, 178-184.	1.6	58
89	Genetic Regulation of Fibroblast Activation and Proliferation in Cardiac Fibrosis. <i>Circulation</i> , 2018, 138, 1224-1235.	1.6	56
90	Heart Hypertrophy During Pregnancy: A Better Functioning Heart?. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 285-291.	2.3	55

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91	Specific Regulation of Noncanonical p38 $\hat{\pm}$ Activation by Hsp90-Cdc37 Chaperone Complex in Cardiomyocyte. <i>Circulation Research</i> , 2010, 106, 1404-1412.	2.0	54
92	Mitochondrial CaMKII causes adverse metabolic reprogramming and dilated cardiomyopathy. <i>Nature Communications</i> , 2020, 11, 4416.	5.8	54
93	Comparative Impacts of ACE (Angiotensin-Converting Enzyme) Inhibitors Versus Angiotensin II Receptor Blockers on the Risk of COVID-19 Mortality. <i>Hypertension</i> , 2020, 76, e15-e17.	1.3	54
94	Quantitative Analysis of the Chromatin Proteome in Disease Reveals Remodeling Principles and Identifies High Mobility Group Protein B2 as a Regulator of Hypertrophic Growth. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.014258.	2.5	53
95	Tissue-specific and Nutrient Regulation of the Branched-chain $\hat{\pm}$ -Keto Acid Dehydrogenase Phosphatase, Protein Phosphatase 2Cm (PP2Cm). <i>Journal of Biological Chemistry</i> , 2012, 287, 23397-23406.	1.6	53
96	Inhibition of p38 $\hat{\pm}$ MAPK rescues cardiomyopathy induced by overexpressed $\hat{\pm}$ 2-adrenergic receptor, but not $\hat{\pm}$ 1-adrenergic receptor. <i>Journal of Clinical Investigation</i> , 2007, 117, 1335-1343.	3.9	53
97	Catabolism of Branched-Chain Amino Acids in Heart Failure: Insights from Genetic Models. <i>Pediatric Cardiology</i> , 2011, 32, 305-310.	0.6	51
98	The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1234-H1247.	1.5	51
99	Continuation versus discontinuation of ACE inhibitors or angiotensin II receptor blockers in COVID-19: effects on blood pressure control and mortality. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 412-414.	1.4	51
100	An increase in the myocardial PCr/ATP ratio in GLUT4 null mice. <i>FASEB Journal</i> , 2002, 16, 613-615.	0.2	50
101	Overexpression of Bone Morphogenetic Protein 10 in Myocardium Disrupts Cardiac Postnatal Hypertrophic Growth. <i>Journal of Biological Chemistry</i> , 2006, 281, 27481-27491.	1.6	49
102	Rescue of Pressure Overload-Induced Heart Failure by Estrogen Therapy. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	48
103	Western Diet-Fed, Aortic-Banded Ossabaw Swine. <i>JACC Basic To Translational Science</i> , 2019, 4, 404-421.	1.9	48
104	Targeted Disruption of Mapk14 (p38MAPK $\hat{\pm}$ ) in Granulosa Cells and Cumulus Cells Causes Cell-Specific Changes in Gene Expression Profiles that Rescue COC Expansion and Maintain Fertility. <i>Molecular Endocrinology</i> , 2010, 24, 1794-1804.	3.7	47
105	Kidney Function Indicators Predict Adverse Outcomes of COVID-19. <i>Med</i> , 2021, 2, 38-48.e2.	2.2	47
106	Adenovirus technology for gene manipulation and functional studies. <i>Drug Discovery Today</i> , 2000, 5, 10-16.	3.2	46
107	Role of 14-3-3-Mediated p38 Mitogen-Activated Protein Kinase Inhibition in Cardiac Myocyte Survival. <i>Circulation Research</i> , 2003, 93, 1026-1028.	2.0	46
108	EZH2 RIP-seq Identifies Tissue-specific Long Non-coding RNAs. <i>Current Gene Therapy</i> , 2018, 18, 275-285.	0.9	46

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109	Therapeutic Effect of Targeting Branched-Chain Amino Acid Catabolic Flux in Pressure-Overload Induced Heart Failure. <i>Journal of the American Heart Association</i> , 2019, 8, e011625.	1.6	46
110	Creatine Kinase-Overexpression Improves Myocardial Energetics, Contractile Dysfunction and Survival in Murine Doxorubicin Cardiotoxicity. <i>PLoS ONE</i> , 2013, 8, e74675.	1.1	45
111	Circular RNA circEsys2 regulates vascular smooth muscle cell remodeling via splicing regulation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	44
112	Viral sequences enable efficient and tissue-specific expression of transgenes in <i>Xenopus</i> . <i>Nature Biotechnology</i> , 1998, 16, 253-257.	9.4	43
113	Electrochemical Properties and Myocyte Interaction of Carbon Nanotube Microelectrodes. <i>Nano Letters</i> , 2010, 10, 4321-4327.	4.5	43
114	Distinct gene expression profiles in adult mouse heart following targeted MAP kinase activation. <i>Physiological Genomics</i> , 2006, 25, 50-59.	1.0	41
115	Light-sheet fluorescence imaging to localize cardiac lineage and protein distribution. <i>Scientific Reports</i> , 2017, 7, 42209.	1.6	41
116	DNA Methylation Indicates Susceptibility to Isoproterenol-Induced Cardiac Pathology and Is Associated With Chromatin States. <i>Circulation Research</i> , 2016, 118, 786-797.	2.0	40
117	Decoding the Long Noncoding RNA During Cardiac Maturation. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 395-407.	5.1	39
118	Systems Genetics Approach Identifies Gene Pathways and <i>Adams2</i> as Drivers of Isoproterenol-Induced Cardiac Hypertrophy and Cardiomyopathy in Mice. <i>Cell Systems</i> , 2017, 4, 121-128.e4.	2.9	39
119	<i>Cil1</i> -Mediated Cardiac Electrophysiological Remodeling and Arrhythmia in Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2007, 116, 596-605.	1.6	37
120	<i>PPM1l</i> encodes an inositol requiring-protein 1 (IRE1) specific phosphatase that regulates the functional outcome of the ER stress response. <i>Molecular Metabolism</i> , 2013, 2, 405-416.	3.0	37
121	High-Density Genotypes of Inbred Mouse Strains: Improved Power and Precision of Association Mapping. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2021-2026.	0.8	37
122	BCAA Catabolic Defect Alters Glucose Metabolism in Lean Mice. <i>Frontiers in Physiology</i> , 2019, 10, 1140.	1.3	37
123	Signal transduction in cardiac hypertrophy – dissecting compensatory versus pathological pathways utilizing a transgenic approach. <i>Current Opinion in Pharmacology</i> , 2001, 1, 134-140.	1.7	36
124	Recombinant adenoviral expression of dominant negative <i>IL13</i> protects brain from cerebral ischemic injury. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 14-17.	1.0	35
125	Zebrafish as a model for cardiovascular development and disease. <i>Drug Discovery Today: Disease Models</i> , 2008, 5, 135-140.	1.2	35
126	Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species. <i>Cell Metabolism</i> , 2021, 33, 2059-2075.e10.	7.2	35



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127	Calmodulin Regulation of Excitation-Contraction Coupling in Cardiac Myocytes. <i>Circulation Research</i> , 2003, 92, 659-667.	2.0	33
128	The Calcineurin-FoxO-MuRF1 signaling pathway regulates myofibril integrity in cardiomyocytes. <i>ELife</i> , 2017, 6, .	2.8	33
129	Cdc37/Hsp90 Protein-mediated Regulation of IRE1 $\pm$ Protein Activity in Endoplasmic Reticulum Stress Response and Insulin Synthesis in INS-1 Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 6266-6274.	1.6	32
130	Induction of SENP1 in myocardium contributes to abnormalities of mitochondria and cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 115-122.	0.9	32
131	p38 $\pm$ MAPK Regulates Lineage Commitment and OPG Synthesis of Bone Marrow Stromal Cells to Prevent Bone Loss under Physiological and Pathological Conditions. <i>Stem Cell Reports</i> , 2016, 6, 566-578.	2.3	32
132	RBFox2-miR-34a-Jph2 axis contributes to cardiac decompensation during heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6172-6180.	3.3	32
133	Calcineurin Enhances Acetylcholinesterase mRNA Stability during C2-C12 Muscle Cell Differentiation. <i>Molecular Pharmacology</i> , 1999, 56, 886-894.	1.0	31
134	Role of an alternatively spliced form of $\beta$ -II-spectrin in localization of connexin 43 in cardiomyocytes and regulation by stress-activated protein kinase. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 572-581.	0.9	31
135	Loss of Bmx Nonreceptor Tyrosine Kinase Prevents Pressure Overload-Induced Cardiac Hypertrophy. <i>Circulation Research</i> , 2008, 103, 1359-1362.	2.0	31
136	Systems proteomics of cardiac chromatin identifies nucleolin as a regulator of growth and cellular plasticity in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1624-H1638.	1.5	31
137	Creatine kinase overexpression improves ATP kinetics and contractile function in postischemic myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H844-H852.	1.5	30
138	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctcf. <i>Journal of Biological Chemistry</i> , 2016, 291, 15428-15446.	1.6	30
139	Humanin analog enhances the protective effect of dexrazoxane against doxorubicin-induced cardiotoxicity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H634-H643.	1.5	30
140	mRNA Metabolism in Cardiac Development and Disease: Life After Transcription. <i>Physiological Reviews</i> , 2020, 100, 673-694.	13.1	30
141	A small molecule targeting ALOX12-ACC1 ameliorates nonalcoholic steatohepatitis in mice and macaques. <i>Science Translational Medicine</i> , 2021, 13, eabg8116.	5.8	30
142	Sex differences in heart mitochondria regulate diastolic dysfunction. <i>Nature Communications</i> , 2022, 13, .	5.8	30
143	Branched-Chain Amino Acid Negatively Regulates KLF15 Expression via PI3K-AKT Pathway. <i>Frontiers in Physiology</i> , 2017, 8, 853.	1.3	29
144	Genetics of common forms of heart failure. <i>Current Opinion in Cardiology</i> , 2015, 30, 222-227.	0.8	28

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