Yibin Wang

List of Publications by Year
in descending order

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247 papers	18,554 citations	10986 71 h-index	14759 127 g-index
254 all docs	254 docs citations	254 times ranked	24280 citing authors

#	Article	IF	Citations
1	Mitochondrial Creatine Kinase Attenuates Pathologic Remodeling in Heart Failure. Circulation Research, 2022, , CIRCRESAHA121319648.	4.5	6
2	YAP: The nexus between metabolism and cardiac remodeling. Journal of Clinical Investigation, 2022, 132, .	8.2	7
3	Location-Specific and Kinase-Independent GRK5 Function in Heart. JACC Basic To Translational Science, 2022, 7, 381-383.	4.1	0
4	Cardio-Protective Messengers From â€œGood Fatâ€• Circulation Research, 2022, 130, 1507-1509.	4.5	0
5	FMO2 (Flavin Containing Monooxygenase 2) Prevents Cardiac Fibrosis via CYP2J3-SMURF2 Axis. Circulation Research, 2022, 131, 189-206.	4.5	10
6	Sex differences in heart mitochondria regulate diastolic dysfunction. Nature Communications, 2022, 13, .	12.8	30
7	Cardioprotective Effect of Anesthetics: Translating Science to Practice. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 730-740.	1.3	6
8	Kidney Function Indicators Predict Adverse Outcomes of COVID-19. Med, 2021, 2, 38-48.e2.	4.4	47
9	The coming of age for branched-chain amino acids. , 2021, 1, .		1
10	Editorsâ€™ Preamble to The Journal of Cardiovascular Aging. , 2021, 1, .		0
11	The Neutrophil-to-Lymphocyte Ratio Determines Clinical Efficacy of Corticosteroid Therapy in Patients with COVID-19. Cell Metabolism, 2021, 33, 258-269.e3.	16.2	87
12	Damage control in broken heart: DNA damage response as a common path in arrhythmogenic cardiomyopathy. Cardiovascular Research, 2021, 117, 2297-2298.	3.8	0
13	The right ventricular transcriptome signature in Ossabaw swine with cardiometabolic heart failure: implications for the coronary vasculature. Physiological Genomics, 2021, 53, 99-115.	2.3	4
14	Metabolism and Inflammation in Cardiovascular Health and Diseases: Mechanisms to Therapies. Journal of Molecular and Cellular Cardiology, 2021, 157, 113-114.	1.9	3
15	mTOR Activation Initiates Renal Cell Carcinoma Development by Coordinating ERK and p38MAPK. Cancer Research, 2021, 81, 3174-3186.	0.9	12
16	Development and validation of a risk score using complete blood count to predict in-hospital mortality in COVID-19 patients. Med, 2021, 2, 435-447.e4.	4.4	20
17	A risk score based on baseline risk factors for predicting mortality in COVID-19 patients. Current Medical Research and Opinion, 2021, 37, 917-927.	1.9	11
18	Cerebrovascular insufficiency and amyloidogenic signaling in Ossabaw swine with cardiometabolic heart failure. JCI Insight, 2021, 6, .	5.0	8

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19	Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species. Cell Metabolism, 2021, 33, 2059-2075.e10.	16.2	35
20	Metal dependent protein phosphatase PPM family in cardiac health and diseases. Cellular Signalling, 2021, 85, 110061.	3.6	2
21	Branched chain amino acids in cardiac growth and pathology â€“ timing is everything. Journal of Molecular and Cellular Cardiology, 2021, 159, 14-15.	1.9	0
22	Early adaptive chromatin remodeling events precede pathologic phenotypes and are reinforced in the failing heart. Journal of Molecular and Cellular Cardiology, 2021, 160, 73-86.	1.9	17
23	Triiodothyronine and dexamethasone alter potassium channel expression and promote electrophysiological maturation of human-induced pluripotent stem cell-derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2021, 161, 130-138.	1.9	12
24	Loss of Endothelial Hypoxia Inducible Factorâ€Prolyl Hydroxylase 2 Induces Cardiac Hypertrophy and Fibrosis. Journal of the American Heart Association, 2021, 10, e022077.	3.7	8
25	A small molecule targeting ALOX12-ACC1 ameliorates nonalcoholic steatohepatitis in mice and macaques. Science Translational Medicine, 2021, 13, eabg8116.	12.4	30
26	Multiple omics study identifies an interspecies conserved driver for nonalcoholic steatohepatitis. Science Translational Medicine, 2021, 13, eabg8117.	12.4	23
27	Circular RNA circEsyt2 regulates vascular smooth muscle cell remodeling via splicing regulation. Journal of Clinical Investigation, 2021, 131, .	8.2	44
28	mRNA Metabolism in Cardiac Development and Disease: Life After Transcription. Physiological Reviews, 2020, 100, 673-694.	28.8	30
29	Gut stem cell aging is driven by mTORC1 via a p38 MAPK-p53 pathway. Nature Communications, 2020, 11, 37.	12.8	87
30	The Role of Elevated Branched-Chain Amino Acids in the Effects of Vertical Sleeve Gastrectomy to Reduce Weight and Improve Glucose Regulation. Cell Reports, 2020, 33, 108239.	6.4	13
31	Metformin Is Associated with Higher Incidence of Acidosis, but Not Mortality, in Individuals with COVID-19 and Pre-existing Type 2 Diabetes. Cell Metabolism, 2020, 32, 537-547.e3.	16.2	116
32	Redefining Cardiac Biomarkers in Predicting Mortality of Inpatients With COVID-19. Hypertension, 2020, 76, 1104-1112.	2.7	118
33	Using â€œoldâ€•medications to fight new COVID-19: Re-purposing with a purpose. Journal of Molecular and Cellular Cardiology, 2020, 146, 41-42.	1.9	1
34	Mitochondrial CaMKII causes adverse metabolic reprogramming and dilated cardiomyopathy. Nature Communications, 2020, 11, 4416.	12.8	54
35	MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2020, 148, 46-49.	1.9	85
36	Low-Dose Sorafenib Acts as a Mitochondrial Uncoupler and Ameliorates Nonalcoholic Steatohepatitis. Cell Metabolism, 2020, 31, 892-908.e11.	16.2	92

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37	In-Hospital Use of Statins Is Associated with a Reduced Risk of Mortality among Individuals with COVID-19. Cell Metabolism, 2020, 32, 176-187.e4.	16.2	400
38	Response by Zhang et al to Letter Regarding Article, â€œAssociation of Inpatient Use of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers With Mortality Among Patients With Hypertension Hospitalized With COVID-19â€• Circulation Research, 2020, 126, e142-e143.	4.5	79
39	Comparative Impacts of ACE (Angiotensin-Converting Enzyme) Inhibitors Versus Angiotensin II Receptor Blockers on the Risk of COVID-19 Mortality. Hypertension, 2020, 76, e15-e17.	2.7	54
40	Continuation versus discontinuation of ACE inhibitors or angiotensin II receptor blockers in COVID-19: effects on blood pressure control and mortality. European Heart Journal - Cardiovascular Pharmacotherapy, 2020, 6, 412-414.	3.0	51
41	Systems Genetics for Mechanistic Discovery in Heart Diseases. Circulation Research, 2020, 126, 1795-1815.	4.5	8
42	Type V Collagen in Scar Tissue Regulates the Size of Scar after Heart Injury. Cell, 2020, 182, 545-562.e23.	28.9	113
43	Tribute to Dr. Steve Schwartz. Journal of Molecular and Cellular Cardiology, 2020, 147, A5-A6.	1.9	0
44	Cardiovascular molecular mechanisms of disease with COVID-19. Journal of Molecular and Cellular Cardiology, 2020, 141, 107.	1.9	4
45	Association of Inpatient Use of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers With Mortality Among Patients With Hypertension Hospitalized With COVID-19. Circulation Research, 2020, 126, 1671-1681.	4.5	948
46	p38 Mitogen-activated protein kinase regulates chamber-specific perinatal growth in heart. Journal of Clinical Investigation, 2020, 130, 5287-5301.	8.2	19
47	Machine Learningâ€supported Characterization of the Oxidative Stressâ€Sensitive Posttranslational Modifications in ISOâ€induced Murine Cardiac Hypertrophy. FASEB Journal, 2020, 34, 1-1.	0.5	0
48	Isoproterenol-Induced Cardiac Diastolic Dysfunction in Mice: A Systems Genetics Analysis. Frontiers in Cardiovascular Medicine, 2019, 6, 100.	2.4	15
49	Western Diet-Fed, Aortic-Banded Ossabaw Swine. JACC Basic To Translational Science, 2019, 4, 404-421.	4.1	48
50	Implantation of an Isoproterenol Mini-Pump to Induce Heart Failure in Mice. Journal of Visualized Experiments, 2019, , .	0.3	9
51	Therapeutic Effect of Targeting Branchedâ€Chain Amino Acid Catabolic Flux in Pressureâ€Overload Induced Heart Failure. Journal of the American Heart Association, 2019, 8, e011625.	3.7	46
52	A new branch connecting thermogenesis and diabetes. Nature Metabolism, 2019, 1, 845-846.	11.9	8
53	BCAA Catabolic Defect Alters Glucose Metabolism in Lean Mice. Frontiers in Physiology, 2019, 10, 1140.	2.8	37
54	Targeting BCAA Catabolism to Treat Obesity-Associated Insulin Resistance. Diabetes, 2019, 68, 1730-1746.	0.6	201

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55	Effects of branched-chain amino acids on glucose metabolism in obese, prediabetic men and women: a randomized, crossover study. American Journal of Clinical Nutrition, 2019, 109, 1569-1577.	4.7	25
56	Glucagon Receptor Antagonism Ameliorates Progression of Heart Failure. JACC Basic To Translational Science, 2019, 4, 161-172.	4.1	14
57	RBFox2-miR-34a-Jph2 axis contributes to cardiac decompensation during heart failure. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6172-6180.	7.1	32
58	Direct visualization of cardiac transcription factories reveals regulatory principles of nuclear architecture during pathological remodeling. Journal of Molecular and Cellular Cardiology, 2019, 128, 198-211.	1.9	13
59	Epigenetics in dilated cardiomyopathy. Current Opinion in Cardiology, 2019, 34, 260-269.	1.8	13
60	WIPI1 is a conserved mediator of right ventricular failure. JCI Insight, 2019, 4, .	5.0	16
61	Right Ventricular Hypertrophy is Associated with Increased MAPK8, Fibronectin, and Extracellular Matrix Regulatory Biomarker (MMP/TIMP) mRNA Levels in a Preâ€Clinical Swine Model of HFpEF. FASEB Journal, 2019, 33, 530.4.	0.5	1
62	Increased Left Ventricular mRNA Levels of the Inflammatory Biomarkers Pentraxinâ€3 and Interleukin 1 Receptorâ€Like 1 are Correlated with Diastolic Dysfunction in a Preâ€Clinical Swine Model of HFpEF. FASEB Journal, 2019, 33, 532.13.	0.5	0
63	ADC at 3.0â€ T as a noninvasive biomarker for preoperative prediction of Ki67 expression in invasive ductal carcinoma of breast. Clinical Imaging, 2018, 52, 16-22.	1.5	27
64	A personalized, multiomics approach identifies genes involved in cardiac hypertrophy and heart failure. Npj Systems Biology and Applications, 2018, 4, 12.	3.0	22
65	Systems Genetics Approach to Biomarker Discovery: GPNMB and Heart Failure in Mice and Humans. G3: Genes, Genomes, Genetics, 2018, 8, 3499-3506.	1.8	14
66	Epigenomic regulation of heart failure: integrating histone marks, long noncoding RNAs, and chromatin architecture. F1000Research, 2018, 7, 1713.	1.6	20
67	EZH2 RIP-seq Identifies Tissue-specific Long Non-coding RNAs. Current Gene Therapy, 2018, 18, 275-285.	2.0	46
68	The serine/threonine-protein kinase/endoribonuclease IRE1Î± protects the heart against pressure overloadâ€“induced heart failure. Journal of Biological Chemistry, 2018, 293, 9652-9661.	3.4	20
69	Genetic Regulation of Fibroblast Activation and Proliferation in Cardiac Fibrosis. Circulation, 2018, 138, 1224-1235.	1.6	56
70	Humanin analog enhances the protective effect of dexrazoxane against doxorubicin-induced cardiotoxicity. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H634-H643.	3.2	30
71	MR diffusion kurtosis imaging for cancer diagnosis: A meta-analysis of the diagnostic accuracy of quantitative kurtosis value and diffusion coefficient. Clinical Imaging, 2018, 52, 44-56.	1.5	9
72	Excessive Î²etaâ€adrenergic receptor stimulation induces cardiomyocyte necroptosis via a RIP3â€dependent pathway. FASEB Journal, 2018, 32, 616.6.	0.5	0

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73	Light-sheet fluorescence imaging to localize cardiac lineage and protein distribution. Scientific Reports, 2017, 7, 42209.	3.3	41
74	Cardiac myocyte p38Î± kinase regulates angiogenesis via myocyte-endothelial cell cross-talk during stress-induced remodeling in the heart. Journal of Biological Chemistry, 2017, 292, 12787-12800.	3.4	25
75	A Sarcoplasmic Reticulum Localized Protein Phosphatase Regulates Phospholamban Phosphorylation andÂPromotes Ischemia Reperfusion InjuryÂinÂthe Heart. JACC Basic To Translational Science, 2017, 2, 160-180.	4.1	18
76	A systems genetics approach identifiesTrp53inp2as a link between cardiomyocyte glucose utilization and hypertrophic response. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H728-H741.	3.2	12
77	p38Î± MAPK regulates proliferation and differentiation of osteoclast progenitors and bone remodeling in an aging-dependent manner. Scientific Reports, 2017, 7, 45964.	3.3	64
78	Function Beyond RNA Splicing for RBFox Family Members in Heart. Journal of Molecular and Cellular Cardiology, 2017, 112, 146-147.	1.9	1
79	Untangle a Broken Heart via Janus Kinase 1. Circulation Research, 2017, 121, 589-590.	4.5	1
80	High-Resolution Mapping of Chromatin Conformation in Cardiac Myocytes Reveals Structural Remodeling of the Epigenome in Heart Failure. Circulation, 2017, 136, 1613-1625.	1.6	135
81	Cardiac Fibroblasts Adopt Osteogenic Fates and Can Be Targeted to Attenuate Pathological Heart Calcification. Cell Stem Cell, 2017, 20, 218-232.e5.	11.1	86
82	Systems Genetics Approach Identifies Gene Pathways and Adamts2 as Drivers of Isoproterenol-Induced Cardiac Hypertrophy and Cardiomyopathy in Mice. Cell Systems, 2017, 4, 121-128.e4.	6.2	39
83	Branched-Chain Amino Acid Negatively Regulates KLF15 Expression via PI3K-AKT Pathway. Frontiers in Physiology, 2017, 8, 853.	2.8	29
84	A Path to Implement Precision Child Health Cardiovascular Medicine. Frontiers in Cardiovascular Medicine, 2017, 4, 36.	2.4	12
85	Inflammatory and apoptotic remodeling in autonomic nervous system following myocardial infarction. PLoS ONE, 2017, 12, e0177750.	2.5	24
86	Wnt11 regulates cardiac chamber development and disease during perinatal maturation. JCI Insight, 2017, 2, .	5.0	21
87	The Calcineurin-FoxO-MuRF1 signaling pathway regulates myofibril integrity in cardiomyocytes. ELife, 2017, 6, .	6.0	33
88	Abstract 345: Maturation of Cardiomyocytes via Rbfox1. Circulation Research, 2017, 121, .	4.5	0
89	Rescue of Pressure Overloadâ€Induced Heart Failure by Estrogen Therapy. Journal of the American Heart Association, 2016, 5, .	3.7	48
90	Genetic Dissection of Cardiac Remodeling in an Isoproterenol-Induced Heart Failure Mouse Model. PLoS Genetics, 2016, 12, e1006038.	3.5	70

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91	Deconvolution of the Human Endothelial Transcriptome. Cell Systems, 2016, 3, 218-220.	6.2	1
92	Relationship of disease-associated gene expression to cardiac phenotype is buffered by genetic diversity and chromatin regulation. Physiological Genomics, 2016, 48, 601-615.	2.3	4
93	The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1234-H1247.	3.2	51
94	Catabolic Defect of Branched-Chain Amino Acids Promotes Heart Failure. Circulation, 2016, 133, 2038-2049.	1.6	390
95	Cardiac Over-Expression of Creatine Kinase Differentially Affects Cardiomyocyte Function in Ischemic and Non-Ischemic Heart Failure. Biophysical Journal, 2016, 110, 599a.	0.5	0
96	The Hybrid Mouse Diversity Panel: a resource for systems genetics analyses of metabolic and cardiovascular traits. Journal of Lipid Research, 2016, 57, 925-942.	4.2	143
97	Decoding the Long Noncoding RNA During Cardiac Maturation. Circulation: Cardiovascular Genetics, 2016, 9, 395-407.	5.1	39
98	Positive Role for a Negative Calcineurin Regulator in Cardiac Hypertrophy. Hypertension, 2016, 67, 841-842.	2.7	5
99	Patient-related factors that influence coronary artery density in CCTA: a retrospective clinical study. International Journal of Clinical Practice, 2016, 70, B72-B78.	1.7	1
100	Branched chain amino acid metabolic reprogramming in heart failure. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2270-2275.	3.8	62
101	The long noncoding RNA Chaer defines an epigenetic checkpoint in cardiac hypertrophy. Nature Medicine, 2016, 22, 1131-1139.	30.7	331
102	Operationalizing Precision Cardiovascular Medicine. Circulation Research, 2016, 119, 984-987.	4.5	7
103	Keto acid metabolites of branched-chain amino acids inhibit oxidative stress-induced necrosis and attenuate myocardial ischemiaâ€“reperfusion injury. Journal of Molecular and Cellular Cardiology, 2016, 101, 90-98.	1.9	16
104	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctcf. Journal of Biological Chemistry, 2016, 291, 15428-15446.	3.4	30
105	p38Î± MAPK Regulates Lineage Commitment and OPG Synthesis of Bone Marrow Stromal Cells to Prevent Bone Loss under Physiological and Pathological Conditions. Stem Cell Reports, 2016, 6, 566-578.	4.8	32
106	DNA Methylation Indicates Susceptibility to Isoproterenol-Induced Cardiac Pathology and Is Associated With Chromatin States. Circulation Research, 2016, 118, 786-797.	4.5	40
107	p38 MAP kinases in the heart. Gene, 2016, 575, 369-376.	2.2	112
108	Abstract 240: Differential Impact of RBFox Family Proteins in Adult Murine Heart. Circulation Research, 2016, 119, .	4.5	0

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109	Cardiac Over-Expression of Creatine Kinase Improves Function in Failing Myocytes. Biophysical Journal, 2015, 108, 595a.	0.5	1
110	Activation of Notch3 promotes pulmonary arterial smooth muscle cells proliferation via Hes1/p27Kip1 signaling pathway. FEBS Open Bio, 2015, 5, 656-660.	2.3	18
111	M1 of Murine Gamma-Herpesvirus 68 Induces Endoplasmic Reticulum Chaperone Production. Scientific Reports, 2015, 5, 17228.	3.3	4
112	High-Density Genotypes of Inbred Mouse Strains: Improved Power and Precision of Association Mapping. G3: Genes, Genomes, Genetics, 2015, 5, 2021-2026.	1.8	37
113	Genetics of common forms of heart failure. Current Opinion in Cardiology, 2015, 30, 222-227.	1.8	28
114	The Elusive Philosopherâ€™s Stone in Young Blood. Circulation Research, 2015, 117, 906-908.	4.5	2
115	Deletion of MLIP (Muscle-enriched A-type Lamin-interacting Protein) Leads to Cardiac Hyperactivation of Akt/Mammalian Target of Rapamycin (mTOR) and Impaired Cardiac Adaptation. Journal of Biological Chemistry, 2015, 290, 26699-26714.	3.4	25
116	Mapping Genetic Contributions to Cardiac Pathology Induced by Beta-Adrenergic Stimulation in Mice. Circulation: Cardiovascular Genetics, 2015, 8, 40-49.	5.1	71
117	Hypertrophic Preconditioning. Circulation, 2015, 131, 1468-1470.	1.6	0
118	Dawn of The Epi-LncRNAs. Circulation Research, 2015, 116, 235-236.	4.5	14
119	The Genetic Basis of Coronary Artery Disease and Atrial Fibrillation: A Search for Disease Mechanisms and Therapeutic Targets. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 1328-1332.	1.3	6
120	A H(a)rd Way to Adapt in Cardiac Hypertrophy. Circulation Research, 2015, 117, 484-486.	4.5	2
121	Induction of SENP1 in myocardium contributes to abnormities of mitochondria and cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2015, 79, 115-122.	1.9	32
122	Branched Chain Amino Acids in Heart Failure. , 2015, , 81-88.		1
123	RBFox1-mediated RNA splicing regulates cardiac hypertrophy and heart failure. Journal of Clinical Investigation, 2015, 126, 195-206.	8.2	114
124	Abstract 15: Global RNA Splicing Regulation in Cardiac Maturation. Circulation Research, 2015, 117, .	4.5	0
125	Interferon Regulatory Factors in Heart. Hypertension, 2014, 63, 663-664.	2.7	15
126	Repression of Sox9 by Jag1 Is Continuously Required to Suppress the Default Chondrogenic Fate of Vascular Smooth Muscle Cells. Developmental Cell, 2014, 31, 707-721.	7.0	65

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127	Decoding the Noncoding Transcripts in Human Heart Failure. Circulation, 2014, 129, 958-960.	1.6	9
128	Transcriptome Complexity in Cardiac Development and Diseases. Circulation Journal, 2014, 78, 1038-1047.	1.6	4
129	Blind Dates in Sciences. Circulation Research, 2014, 114, 944-946.	4.5	3
130	Protein kinetic signatures of the remodeling heart following isoproterenol stimulation. Journal of Clinical Investigation, 2014, 124, 1734-1744.	8.2	83
131	IRE1 Phosphatase PP2Ce Regulates Adaptive ER Stress Response in the Postpartum Mammary Gland. PLoS ONE, 2014, 9, e111606.	2.5	17
132	Mechanism-Based Engineering Against Anthracycline Cardiotoxicity. Circulation, 2013, 128, 98-100.	1.6	16
133	PPM1l encodes an inositol requiring-protein 1 (IRE1) specific phosphatase that regulates the functional outcome of the ER stress response. Molecular Metabolism, 2013, 2, 405-416.	6.5	37
134	Systems proteomics of cardiac chromatin identifies nucleolin as a regulator of growth and cellular plasticity in cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1624-H1638.	3.2	31
135	Divergent Mitochondrial Biogenesis Responses in Human Cardiomyopathy. Circulation, 2013, 127, 1957-1967.	1.6	76
136	Nuclear phosphatase PPM1G in cellular survival and neural development. Developmental Dynamics, 2013, 242, 1101-1109.	1.8	18
137	Creatine Kinase-Overexpression Improves Myocardial Energetics, Contractile Dysfunction and Survival in Murine Doxorubicin Cardiotoxicity. PLoS ONE, 2013, 8, e74675.	2.5	45
138	Abstract 235: Global RNA Splicing and Regulation in Cardiac Maturation and Diseases. Circulation Research, 2013, 113, .	4.5	0
139	Quantitative Analysis of the Chromatin Proteome in Disease Reveals Remodeling Principles and Identifies High Mobility Group Protein B2 as a Regulator of Hypertrophic Growth. Molecular and Cellular Proteomics, 2012, 11, M111.014258.	3.8	53
140	Prostaglandin E2 in Remote Control of Myocardial Remodeling. Circulation, 2012, 125, 2818-2820.	1.6	3
141	â€œGood Enough Solutionsâ€•and the Genetics of Complex Diseases. Circulation Research, 2012, 111, 493-504.	4.5	94
142	G i -Biased Î² 2 AR Signaling Links GRK2 Upregulation to Heart Failure. Circulation Research, 2012, 110, 265-274.	4.5	72
143	Endothelial deletion of murine Jag1 leads to valve calcification and congenital heart defects associated with Alagille syndrome. Development (Cambridge), 2012, 139, 4449-4460.	2.5	96
144	Cdc37/Hsp90 Protein-mediated Regulation of IRE1Î± Protein Activity in Endoplasmic Reticulum Stress Response and Insulin Synthesis in INS-1 Cells. Journal of Biological Chemistry, 2012, 287, 6266-6274.	3.4	32

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145	Systems-based approaches to cardiovascular disease. Nature Reviews Cardiology, 2012, 9, 172-184.	13.7	74
146	Hybrid mouse diversity panel: a panel of inbred mouse strains suitable for analysis of complex genetic traits. Mammalian Genome, 2012, 23, 680-692.	2.2	134
147	Tissue-specific and Nutrient Regulation of the Branched-chain Î±-Keto Acid Dehydrogenase Phosphatase, Protein Phosphatase 2Cm (PP2Cm). Journal of Biological Chemistry, 2012, 287, 23397-23406.	3.4	53
148	Klf15 Orchestrates Circadian Nitrogen Homeostasis. Cell Metabolism, 2012, 15, 311-323.	16.2	119
149	Global impact of RNA splicing on transcriptome remodeling in the heart. Journal of Zhejiang University: Science B, 2012, 13, 603-608.	2.8	1
150	Creatine kinase overexpression improves ATP kinetics and contractile function in postischemic myocardium. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H844-H852.	3.2	30
151	Cardiac vulnerability to ischemia/reperfusion injury drastically increases in late pregnancy. Basic Research in Cardiology, 2012, 107, 271.	5.9	27
152	Intracellular Signaling Pathways in Cardiac Remodeling. , 2012, , 299-308.		1
153	Novel Ser/Thr Protein Phosphatases in Cell Death Regulation. Physiology, 2012, 27, 43-52.	3.1	25
154	p38Î³ activity is required for maintenance of slow skeletal muscle size. Muscle and Nerve, 2012, 45, 266-273.	2.2	17
155	Creatine kinaseâ€“mediated improvement of function in failing mouse hearts provides causal evidence the failing heart is energy starved. Journal of Clinical Investigation, 2012, 122, 291-302.	8.2	117
156	Cardiac Linker Histones Are Differentially Regulated Following Hypertrophic Stimuli. FASEB Journal, 2012, 26, 1127.9.	0.5	0
157	Analysis of Transcriptome Complexity Through RNA Sequencing in Normal and Failing Murine Hearts. Circulation Research, 2011, 109, 1332-1341.	4.5	194
158	Phosphoproteome Analysis Reveals Regulatory Sites in Major Pathways of Cardiac Mitochondria. Molecular and Cellular Proteomics, 2011, 10, S1-S14.	3.8	90
159	The p38 mitogen-activated protein kinase pathwayâ€"A potential target for intervention in infarction, hypertrophy, and heart failure. Journal of Molecular and Cellular Cardiology, 2011, 51, 485-490.	1.9	134
160	Protective Role of Transient Pore Openings in Calcium Handling by Cardiac Mitochondria. Journal of Biological Chemistry, 2011, 286, 34851-34857.	3.4	81
161	Catabolism of Branched-Chain Amino Acids in Heart Failure: Insights from Genetic Models. Pediatric Cardiology, 2011, 32, 305-310.	1.3	51
162	Restriction of Big Hearts by a Small RNA. Circulation Research, 2011, 108, 274-276.	4.5	9

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163	Absence of progeria-like disease phenotypes in knock-in mice expressing a non-farnesylated version of progerin. Human Molecular Genetics, 2011, 20, 436-444.	2.9	63
164	Branched-chain amino acid metabolism in heart disease: an epiphenomenon or a real culprit?. Cardiovascular Research, 2011, 90, 220-223.	3.8	167
165	MAPK-Activated Protein Kinase-2 in Cardiac Hypertrophy and Cyclooxygenase-2 Regulation in Heart. Circulation Research, 2010, 106, 1434-1443.	4.5	101
166	An accumulation of non-farnesylated prelamin A causes cardiomyopathy but not progeria. Human Molecular Genetics, 2010, 19, 2682-2694.	2.9	91
167	Specific Regulation of Noncanonical p38Î± Activation by Hsp90-Cdc37 Chaperone Complex in Cardiomyocyte. Circulation Research, 2010, 106, 1404-1412.	4.5	54
168	Differential Regulation of Proteasome Function in Isoproterenol-Induced Cardiac Hypertrophy. Circulation Research, 2010, 107, 1094-1101.	4.5	102
169	Mitogen-Activated Protein Kinase Signaling in the Heart: Angels Versus Demons in a Heart-Breaking Tale. Physiological Reviews, 2010, 90, 1507-1546.	28.8	610
170	Targeted Disruption of Mapk14 (p38MAPKÎ±) in Granulosa Cells and Cumulus Cells Causes Cell-Specific Changes in Gene Expression Profiles that Rescue COC Expansion and Maintain Fertility. Molecular Endocrinology, 2010, 24, 1794-1804.	3.7	47
171	Myocardial Remodeling Is Controlled by Myocyte-Targeted Gene Regulation of Phosphodiesterase Type 5. Journal of the American College of Cardiology, 2010, 56, 2021-2030.	2.8	75
172	Electrochemical Properties and Myocyte Interaction of Carbon Nanotube Microelectrodes. Nano Letters, 2010, 10, 4321-4327.	9.1	43
173	Compensatory hypertrophy induced by ventricular cardiomyocyte-specific COX-2 expression in mice. Journal of Molecular and Cellular Cardiology, 2010, 49, 88-94.	1.9	25
174	Post-translational regulation of calsarcin-1 during pressure overload-induced cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2010, 48, 1206-1214.	1.9	15
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