

# Yibin Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220  
papers

14,580  
citations

65  
h-index

115  
g-index

254  
ext. papers

16,788  
ext. citations

10.3  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
220	Mitochondrial Creatine Kinase Attenuates Pathologic Remodeling in Heart Failure.. <i>Circulation Research</i> , <b>2022</b> , CIRCRESAHA121319648	15.7	1
219	A small molecule targeting ALOX12-ACC1 ameliorates nonalcoholic steatohepatitis in mice and macaques.. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabg8116	17.5	5
218	Multiple omics study identifies an interspecies conserved driver for nonalcoholic steatohepatitis.. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabg8117	17.5	3
217	Loss of Endothelial Hypoxia Inducible Factor-Prolyl Hydroxylase 2 Induces Cardiac Hypertrophy and Fibrosis. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e022077	6	2
216	Damage control in broken heart: DNA damage response as a common path in arrhythmogenic cardiomyopathy. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 2297-2298	9.9	
215	The right ventricular transcriptome signature in Ossabaw swine with cardiometabolic heart failure: implications for the coronary vasculature. <i>Physiological Genomics</i> , <b>2021</b> , 53, 99-115	3.6	2
214	mTOR Activation Initiates Renal Cell Carcinoma Development by Coordinating ERK and p38MAPK. <i>Cancer Research</i> , <b>2021</b> , 81, 3174-3186	10.1	1
213	Development and validation of a risk score using complete blood count to predict in-hospital mortality in COVID-19 patients. <i>Med</i> , <b>2021</b> , 2, 435-447.e4	31.7	6
212	A risk score based on baseline risk factors for predicting mortality in COVID-19 patients. <i>Current Medical Research and Opinion</i> , <b>2021</b> , 37, 917-927	2.5	3
211	Cerebrovascular insufficiency and amyloidogenic signaling in Ossabaw swine with cardiometabolic heart failure. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	2
210	Cardioprotective Effect of Anesthetics: Translating Science to Practice. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2021</b> , 35, 730-740	2.1	2
209	Kidney Function Indicators Predict Adverse Outcomes of COVID-19. <i>Med</i> , <b>2021</b> , 2, 38-48.e2	31.7	17
208	The Neutrophil-to-Lymphocyte Ratio Determines Clinical Efficacy of Corticosteroid Therapy in Patients with COVID-19. <i>Cell Metabolism</i> , <b>2021</b> , 33, 258-269.e3	24.6	40
207	Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species. <i>Cell Metabolism</i> , <b>2021</b> , 33, 2059-2075.e10	24.6	2
206	Metal dependent protein phosphatase PPM family in cardiac health and diseases. <i>Cellular Signalling</i> , <b>2021</b> , 85, 110061	4.9	1
205	Early adaptive chromatin remodeling events precede pathologic phenotypes and are reinforced in the failing heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 160, 73-86	5.8	4
204	Triiodothyronine and dexamethasone alter potassium channel expression and promote electrophysiological maturation of human-induced pluripotent stem cell-derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 161, 130-138	5.8	0

203	Circular RNA circEysyt2 regulates vascular smooth muscle cell remodeling via splicing regulation.. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	4
202	Low-Dose Sorafenib Acts as a Mitochondrial Uncoupler and Ameliorates Nonalcoholic Steatohepatitis. <i>Cell Metabolism</i> , <b>2020</b> , 31, 892-908.e11	24.6	33
201	In-Hospital Use of Statins Is Associated with a Reduced Risk of Mortality among Individuals with COVID-19. <i>Cell Metabolism</i> , <b>2020</b> , 32, 176-187.e4	24.6	271
200	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> , <b>2020</b> , 126, e142-e143	15.7	62
199	Comparative Impacts of ACE (Angiotensin-Converting Enzyme) Inhibitors Versus Angiotensin II Receptor Blockers on the Risk of COVID-19 Mortality. <i>Hypertension</i> , <b>2020</b> , 76, e15-e17	8.5	41
198	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> , <b>2020</b> , 6, 412-414	6.4	36
197	Systems Genetics for Mechanistic Discovery in Heart Diseases. <i>Circulation Research</i> , <b>2020</b> , 126, 1795-1815	5.7	4
196	Type V Collagen in Scar Tissue Regulates the Size of Scar after Heart Injury. <i>Cell</i> , <b>2020</b> , 182, 545-562.e23	56.2	35
195	Tribute to Dr. Steve Schwartz. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 147, A5-A6	5.8	
194	p38 Mitogen-activated protein kinase regulates chamber-specific perinatal growth in heart. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 5287-5301	15.9	9
193	Machine Learning-supported Characterization of the Oxidative Stress-Sensitive Posttranslational Modifications in ISO-induced Murine Cardiac Hypertrophy. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
192	mRNA Metabolism in Cardiac Development and Disease: Life After Transcription. <i>Physiological Reviews</i> , <b>2020</b> , 100, 673-694	47.9	11
191	Gut stem cell aging is driven by mTORC1 via a p38 MAPK-p53 pathway. <i>Nature Communications</i> , <b>2020</b> , 11, 37	17.4	34
190	The Role of Elevated Branched-Chain Amino Acids in the Effects of Vertical Sleeve Gastrectomy to Reduce Weight and Improve Glucose Regulation. <i>Cell Reports</i> , <b>2020</b> , 33, 108239	10.6	6
189	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> , <b>2020</b> , 32, 537-547.e3	24.6	81
188	Redefining Cardiac Biomarkers in Predicting Mortality of Inpatients With COVID-19. <i>Hypertension</i> , <b>2020</b> , 76, 1104-1112	8.5	70
187	Using "old" medications to fight new COVID-19: Re-purposing with a purpose. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 146, 41-42	5.8	1
186	Mitochondrial CaMKII causes adverse metabolic reprogramming and dilated cardiomyopathy. <i>Nature Communications</i> , <b>2020</b> , 11, 4416	17.4	22

185	MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 148, 46-49	5.8	47
184	Cardiovascular molecular mechanisms of disease with COVID-19. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 141, 107	5.8	3
183	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> , <b>2020</b> , 126, 1671-1681	15.7	721
182	A new branch connecting thermogenesis and diabetes. <i>Nature Metabolism</i> , <b>2019</b> , 1, 845-846	14.6	2
181	BCAA Catabolic Defect Alters Glucose Metabolism in Lean Mice. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1140	4.6	15
180	Targeting BCAA Catabolism to Treat Obesity-Associated Insulin Resistance. <i>Diabetes</i> , <b>2019</b> , 68, 1730-1746	6.9	100
179	Effects of branched-chain amino acids on glucose metabolism in obese, prediabetic men and women: a randomized, crossover study. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 1569-1577	7	10
178	Glucagon Receptor Antagonism Ameliorates Progression of Heart Failure. <i>JACC Basic To Translational Science</i> , <b>2019</b> , 4, 161-172	8.7	6
177	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> , <b>2019</b> , 116, 6172-6180	11.5	17
176	Direct visualization of cardiac transcription factories reveals regulatory principles of nuclear architecture during pathological remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 128, 198-211	5.8	7
175	Isoproterenol-Induced Cardiac Diastolic Dysfunction in Mice: A Systems Genetics Analysis. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 100	5.4	10
174	Western Diet-Fed, Aortic-Banded Ossabaw Swine: A Preclinical Model of Cardio-Metabolic Heart Failure. <i>JACC Basic To Translational Science</i> , <b>2019</b> , 4, 404-421	8.7	25
173	Implantation of an Isoproterenol Mini-Pump to Induce Heart Failure in Mice. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	6
172	Therapeutic Effect of Targeting Branched-Chain Amino Acid Catabolic Flux in Pressure-Overload Induced Heart Failure. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011625	6	14
171	WIPI1 is a conserved mediator of right ventricular failure. <i>JCI Insight</i> , <b>2019</b> , 5,	9.9	8
170	Right Ventricular Hypertrophy is Associated with Increased MAPK8, Fibronectin, and Extracellular Matrix Regulatory Biomarker (MMP/TIMP) mRNA Levels in a Pre-Clinical Swine Model of HFpEF. <i>FASEB Journal</i> , <b>2019</b> , 33, 530.4	0.9	0
169	Increased Left Ventricular mRNA Levels of the Inflammatory Biomarkers Pentraxin-3 and Interleukin 1 Receptor-Like 1 are Correlated with Diastolic Dysfunction in a Pre-Clinical Swine Model of HFpEF. <i>FASEB Journal</i> , <b>2019</b> , 33, 532.13	0.9	
168	Epigenetics in dilated cardiomyopathy. <i>Current Opinion in Cardiology</i> , <b>2019</b> , 34, 260-269	2.1	8

167	ADC at 3.0 T as a noninvasive biomarker for preoperative prediction of Ki67 expression in invasive ductal carcinoma of breast. <i>Clinical Imaging</i> , <b>2018</b> , 52, 16-22	2.7	18
166	A personalized, multiomics approach identifies genes involved in cardiac hypertrophy and heart failure. <i>Npj Systems Biology and Applications</i> , <b>2018</b> , 4, 12	5	16
165	Humanin analog enhances the protective effect of dexrazoxane against doxorubicin-induced cardiotoxicity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 315, H634-H643	5.2	19
164	MR diffusion kurtosis imaging for cancer diagnosis: A meta-analysis of the diagnostic accuracy of quantitative kurtosis value and diffusion coefficient. <i>Clinical Imaging</i> , <b>2018</b> , 52, 44-56	2.7	7
163	Excessive $\beta$ -adrenergic receptor stimulation induces cardiomyocyte necroptosis via a RIP3-dependent pathway. <i>FASEB Journal</i> , <b>2018</b> , 32, 616.6	0.9	
162	Systems Genetics Approach to Biomarker Discovery: GPNMB and Heart Failure in Mice and Humans. <i>G3: Genes, Genomes, Genetics</i> , <b>2018</b> , 8, 3499-3506	3.2	10
161	Epigenomic regulation of heart failure: integrating histone marks, long noncoding RNAs, and chromatin architecture. <i>F1000Research</i> , <b>2018</b> , 7,	3.6	16
160	EZH2 RIP-seq Identifies Tissue-specific Long Non-coding RNAs. <i>Current Gene Therapy</i> , <b>2018</b> , 18, 275-285	4.3	26
159	The serine/threonine-protein kinase/endoribonuclease IRE1 $\beta$ protects the heart against pressure overload-induced heart failure. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 9652-9661	5.4	11
158	Genetic Regulation of Fibroblast Activation and Proliferation in Cardiac Fibrosis. <i>Circulation</i> , <b>2018</b> , 138, 1224-1235	16.7	28
157	Light-sheet fluorescence imaging to localize cardiac lineage and protein distribution. <i>Scientific Reports</i> , <b>2017</b> , 7, 42209	4.9	27
156	Cardiac myocyte p38 $\gamma$ kinase regulates angiogenesis via myocyte-endothelial cell cross-talk during stress-induced remodeling in the heart. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 12787-12800	5.4	17
155	A Sarcoplasmic Reticulum Localized Protein Phosphatase Regulates Phospholamban Phosphorylation and Promotes Ischemia Reperfusion Injury in the Heart. <i>JACC Basic To Translational Science</i> , <b>2017</b> , 2, 160-180	8.7	14
154	A systems genetics approach identifies as a link between cardiomyocyte glucose utilization and hypertrophic response. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 312, H728-H741	5.2	19
153	p38 $\gamma$ MAPK regulates proliferation and differentiation of osteoclast progenitors and bone remodeling in an aging-dependent manner. <i>Scientific Reports</i> , <b>2017</b> , 7, 45964	4.9	43
152	Inflammatory and apoptotic remodeling in autonomic nervous system following myocardial infarction. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177750	3.7	18
151	Wnt11 regulates cardiac chamber development and disease during perinatal maturation. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	14
150	High-Resolution Mapping of Chromatin Conformation in Cardiac Myocytes Reveals Structural Remodeling of the Epigenome in Heart Failure. <i>Circulation</i> , <b>2017</b> , 136, 1613-1625	16.7	80

149	Cardiac Fibroblasts Adopt Osteogenic Fates and Can Be Targeted to Attenuate Pathological Heart Calcification. <i>Cell Stem Cell</i> , <b>2017</b> , 20, 218-232.e5	18	65
148	Systems Genetics Approach Identifies Gene Pathways and Adamts2 as Drivers of Isoproterenol-Induced Cardiac Hypertrophy and Cardiomyopathy in Mice. <i>Cell Systems</i> , <b>2017</b> , 4, 121-128.e4	10.6	30
147	Branched-Chain Amino Acid Negatively Regulates KLF15 Expression via PI3K-AKT Pathway. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 853	4.6	15
146	A Path to Implement Precision Child Health Cardiovascular Medicine. <i>Frontiers in Cardiovascular Medicine</i> , <b>2017</b> , 4, 36	5.4	7
145	The Calcineurin-FoxO-MuRF1 signaling pathway regulates myofibril integrity in cardiomyocytes. <i>ELife</i> , <b>2017</b> , 6,	8.9	20
144	p38 MAP kinases in the heart. <i>Gene</i> , <b>2016</b> , 575, 369-376	3.8	81
143	Patient-related factors that influence coronary artery density in CCTA: a retrospective clinical study. <i>International Journal of Clinical Practice</i> , <b>2016</b> , 70 Suppl 9B, B72-8	2.9	1
142	Branched chain amino acid metabolic reprogramming in heart failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 2270-2275	6.9	39
141	The long noncoding RNA Chaer defines an epigenetic checkpoint in cardiac hypertrophy. <i>Nature Medicine</i> , <b>2016</b> , 22, 1131-1139	50.5	255
140	Operationalizing Precision Cardiovascular Medicine: Three Innovations. <i>Circulation Research</i> , <b>2016</b> , 119, 984-987	15.7	6
139	Keto acid metabolites of branched-chain amino acids inhibit oxidative stress-induced necrosis and attenuate myocardial ischemia-reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 101, 90-98	5.8	13
138	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctf: IMPLICATIONS FOR TRANSCRIPTIONAL REGULATION. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 15428-46	5.4	18
137	p38MAPK 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> , <b>2016</b> , 6, 566-578	8	26
136	DNA Methylation Indicates Susceptibility to Isoproterenol-Induced Cardiac Pathology and Is Associated With Chromatin States. <i>Circulation Research</i> , <b>2016</b> , 118, 786-97	15.7	26
135	RBFox1-mediated RNA splicing regulates cardiac hypertrophy and heart failure. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 195-206	15.9	82
134	Rescue of Pressure Overload-Induced Heart Failure by Estrogen Therapy. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	32
133	Genetic Dissection of Cardiac Remodeling in an Isoproterenol-Induced Heart Failure Mouse Model. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006038	6	52
132	Deconvolution of the Human Endothelial Transcriptome. <i>Cell Systems</i> , <b>2016</b> , 3, 218-220	10.6	

131	Relationship of disease-associated gene expression to cardiac phenotype is buffered by genetic diversity and chromatin regulation. <i>Physiological Genomics</i> , <b>2016</b> , 48, 601-15	3.6	3
130	The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 311, H1234-H1247	5.2	36
129	Catabolic Defect of Branched-Chain Amino Acids Promotes Heart Failure. <i>Circulation</i> , <b>2016</b> , 133, 2038-49	6.7	233
128	The Hybrid Mouse Diversity Panel: a resource for systems genetics analyses of metabolic and cardiovascular traits. <i>Journal of Lipid Research</i> , <b>2016</b> , 57, 925-42	6.3	86
127	Decoding the Long Noncoding RNA During Cardiac Maturation: A Roadmap for Functional Discovery. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 395-407		28
126	Mapping genetic contributions to cardiac pathology induced by Beta-adrenergic stimulation in mice. <i>Circulation: Cardiovascular Genetics</i> , <b>2015</b> , 8, 40-9		54
125	Dawn of the Epi-LncRNAs: new path from Myheart. <i>Circulation Research</i> , <b>2015</b> , 116, 235-6	15.7	11
124	The Genetic Basis of Coronary Artery Disease and Atrial Fibrillation: A Search for Disease Mechanisms and Therapeutic Targets. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2015</b> , 29, 1328-32	2.1	5
123	Induction of SENP1 in myocardium contributes to abnormalities of mitochondria and cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 79, 115-22	5.8	26
122	Activation of Notch3 promotes pulmonary arterial smooth muscle cells proliferation via Hes1/p27Kip1 signaling pathway. <i>FEBS Open Bio</i> , <b>2015</b> , 5, 656-60	2.7	16
121	M1 of Murine Gamma-Herpesvirus 68 Induces Endoplasmic Reticulum Chaperone Production. <i>Scientific Reports</i> , <b>2015</b> , 5, 17228	4.9	4
120	High-Density Genotypes of Inbred Mouse Strains: Improved Power and Precision of Association Mapping. <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 2021-6	3.2	25
119	Genetics of common forms of heart failure: challenges and potential solutions. <i>Current Opinion in Cardiology</i> , <b>2015</b> , 30, 222-7	2.1	27
118	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. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 26699-714	5.4	14
117	Branched Chain Amino Acids in Heart Failure <b>2015</b> , 81-88		1
116	Transcriptome complexity in cardiac development and diseases--an expanding universe between genome and phenome. <i>Circulation Journal</i> , <b>2014</b> , 78, 1038-47	2.9	2
115	Blind dates in sciences: dealing with rejection in peer review. <i>Circulation Research</i> , <b>2014</b> , 114, 944-6	15.7	2
114	Repression of Sox9 by Jag1 is continuously required to suppress the default chondrogenic fate of vascular smooth muscle cells. <i>Developmental Cell</i> , <b>2014</b> , 31, 707-21	10.2	41

113	Protein kinetic signatures of the remodeling heart following isoproterenol stimulation. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 1734-44	15.9	55
112	IRE1 phosphatase PP2Ce regulates adaptive ER stress response in the postpartum mammary gland. <i>PLoS ONE</i> , <b>2014</b> , 9, e111606	3.7	15
111	PPM1l encodes an inositol requiring-protein 1 (IRE1) specific phosphatase that regulates the functional outcome of the ER stress response. <i>Molecular Metabolism</i> , <b>2013</b> , 2, 405-16	8.8	33
110	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> , <b>2013</b> , 305, H1624-38	5.2	17
109	Divergent mitochondrial biogenesis responses in human cardiomyopathy. <i>Circulation</i> , <b>2013</b> , 127, 1957-67	6.7	67
108	Nuclear phosphatase PPM1G in cellular survival and neural development. <i>Developmental Dynamics</i> , <b>2013</b> , 242, 1101-9	2.9	17
107	Creatine kinase-overexpression improves myocardial energetics, contractile dysfunction and survival in murine doxorubicin cardiotoxicity. <i>PLoS ONE</i> , <b>2013</b> , 8, e74675	3.7	38
106	p38 activity is required for maintenance of slow skeletal muscle size. <i>Muscle and Nerve</i> , <b>2012</b> , 45, 266-73	3.4	15
105	Systems-based approaches to cardiovascular disease. <i>Nature Reviews Cardiology</i> , <b>2012</b> , 9, 172-84	14.8	60
104	Hybrid mouse diversity panel: a panel of inbred mouse strains suitable for analysis of complex genetic traits. <i>Mammalian Genome</i> , <b>2012</b> , 23, 680-92	3.2	101
103	Tissue-specific and nutrient regulation of the branched-chain keto acid dehydrogenase phosphatase, protein phosphatase 2Cm (PP2Cm). <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 23397-406	5.4	33
102	Klf15 orchestrates circadian nitrogen homeostasis. <i>Cell Metabolism</i> , <b>2012</b> , 15, 311-23	24.6	100
101	Global impact of RNA splicing on transcriptome remodeling in the heart. <i>Journal of Zhejiang University: Science B</i> , <b>2012</b> , 13, 603-8	4.5	0
100	Creatine kinase overexpression improves ATP kinetics and contractile function in postischemic myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H844-52	5.2	26
99	Cardiac vulnerability to ischemia/reperfusion injury drastically increases in late pregnancy. <i>Basic Research in Cardiology</i> , <b>2012</b> , 107, 271	11.8	21
98	Intracellular Signaling Pathways in Cardiac Remodeling <b>2012</b> , 299-308		1
97	Novel Ser/Thr protein phosphatases in cell death regulation. <i>Physiology</i> , <b>2012</b> , 27, 43-52	9.8	19
96	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> , <b>2012</b> , 11, M111.014258	7.6	40



95	"Good enough solutions" and the genetics of complex diseases. <i>Circulation Research</i> , <b>2012</b> , 111, 493-504	15.7	68
94	Gi-biased $\beta$ AR signaling links GRK2 upregulation to heart failure. <i>Circulation Research</i> , <b>2012</b> , 110, 265-74	15.7	62
93	Endothelial deletion of murine Jag1 leads to valve calcification and congenital heart defects associated with Alagille syndrome. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 4449-60	6.6	80
92	Cdc37/Hsp90 protein-mediated regulation of IRE1 $\alpha$ protein activity in endoplasmic reticulum stress response and insulin synthesis in INS-1 cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 6266-74	5.4	22
91	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> , <b>2012</b> , 122, 291-302	15.9	108
90	Cardiac Linker Histones Are Differentially Regulated Following Hypertrophic Stimuli. <i>FASEB Journal</i> , <b>2012</b> , 26, 1127.9	0.9	
89	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> , <b>2011</b> , 51, 485-90	5.8	117
88	Protective role of transient pore openings in calcium handling by cardiac mitochondria. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 34851-7	5.4	58
87	Catabolism of branched-chain amino acids in heart failure: insights from genetic models. <i>Pediatric Cardiology</i> , <b>2011</b> , 32, 305-10	2.1	41
86	Analysis of transcriptome complexity through RNA sequencing in normal and failing murine hearts. <i>Circulation Research</i> , <b>2011</b> , 109, 1332-41	15.7	160
85	Phosphoproteome analysis reveals regulatory sites in major pathways of cardiac mitochondria. <i>Molecular and Cellular Proteomics</i> , <b>2011</b> , 10, M110.000117	7.6	79
84	Absence of progeria-like disease phenotypes in knock-in mice expressing a non-farnesylated version of progerin. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 436-44	5.6	53
83	Branched-chain amino acid metabolism in heart disease: an epiphenomenon or a real culprit?. <i>Cardiovascular Research</i> , <b>2011</b> , 90, 220-3	9.9	127
82	MAPK-activated protein kinase-2 in cardiac hypertrophy and cyclooxygenase-2 regulation in heart. <i>Circulation Research</i> , <b>2010</b> , 106, 1434-43	15.7	83
81	An accumulation of non-farnesylated prelamin A causes cardiomyopathy but not progeria. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 2682-94	5.6	72
80	Specific regulation of noncanonical p38 $\alpha$ activation by Hsp90-Cdc37 chaperone complex in cardiomyocyte. <i>Circulation Research</i> , <b>2010</b> , 106, 1404-12	15.7	47
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