

# Jun Ren

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2526345/jun-ren-publications-by-year.pdf>

**Version:** 2024-04-18

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

555  
papers

27,754  
citations

78  
h-index

142  
g-index

603  
ext. papers

32,007  
ext. citations

5.8  
avg, IF

7.4  
L-index

#	Paper	IF	Citations
555	CD74 ablation rescues type 2 diabetes mellitus-induced cardiac remodeling and contractile dysfunction through pyroptosis-evoked regulation of ferroptosis.. <i>Pharmacological Research</i> , <b>2022</b> , 176, 106086	10.2	4
554	Melatonin-based therapeutics for atherosclerotic lesions and beyond: Focusing on macrophage mitophagy.. <i>Pharmacological Research</i> , <b>2022</b> , 176, 106072	10.2	2
553	NR4A1 Promotes LPS-Induced Acute Lung Injury through Inhibition of Opa1-Mediated Mitochondrial Fusion and Activation of PGAM5-Related Necroptosis.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 6638244	6.7	0
552	Targeting AMPK signaling in ischemic/reperfusion injury: From molecular mechanism to pharmacological interventions.. <i>Cellular Signalling</i> , <b>2022</b> , 110323	4.9	2
551	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response.. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2022</b> , 41, 105	12.8	6
550	Pentacyclic triterpene oleanolic acid protects against cardiac aging through regulation of mitophagy and mitochondrial integrity.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 166402	6.9	1
549	Global Burden, Incidence and Disability-Adjusted Life-Years for Dermatitis: A Systematic Analysis Combined With Socioeconomic Development Status, 1990-2019.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 861053	5.9	0
548	Global Burden of Bacterial Skin Diseases: A Systematic Analysis Combined With Sociodemographic Index, 1990-2019.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 861115	4.9	1
547	Endoplasmic Reticulum Stress in Liver Diseases.. <i>Hepatology</i> , <b>2022</b> ,	11.2	4
546	Sarcoplasmic Reticulum Ca Dysregulation in the Pathophysiology of Inherited Arrhythmia: An Update.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 200, 115059	6	0
545	Critical Clinical Evaluation of Covid-19 Patients with Tuberculosis in the Indian Sub-Continent.. <i>Current Drug Safety</i> , <b>2022</b> ,	1.4	1
544	Ablation of FUNDC1-dependent mitophagy renders myocardium resistant to paraquat-induced ferroptosis and contractile dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 1868, 166448	6.9	0
543	Cell death regulation by MAMs: from molecular mechanisms to therapeutic implications in cardiovascular diseases. <i>Cell Death and Disease</i> , <b>2022</b> , 13,	9.8	1
542	Paracrine FGFs target skeletal muscle to exert potent anti-hyperglycemic effects.. <i>Nature Communications</i> , <b>2021</b> , 12, 7256	17.4	6
541	ER stress in obesity pathogenesis and management. <i>Trends in Pharmacological Sciences</i> , <b>2021</b> ,	13.2	3
540	Bioinformatics analysis of SARS-CoV-2 infection-associated immune injury and therapeutic prediction for COVID-19 <b>2021</b> , 1, 20-28		
539	Cardioprotective Effects of Oroxyllum indicum Extract Against Doxorubicin and Cyclophosphamide-Induced Cardiotoxicity. <i>Cardiovascular Toxicology</i> , <b>2021</b> , 1	3.4	0

538	Epigenetic modification in alcohol use disorder and alcoholic cardiomyopathy: From pathophysiology to therapeutic opportunities. <i>Metabolism: Clinical and Experimental</i> , <b>2021</b> , 125, 154909	12.7	1
537	Catecholamine-induced cardiotoxicity: A critical element in the pathophysiology of stroke-induced heart injury. <i>Life Sciences</i> , <b>2021</b> , 287, 120106	6.8	0
536	ER Stress in Cardiometabolic Diseases: From Molecular Mechanisms to Therapeutics. <i>Endocrine Reviews</i> , <b>2021</b> , 42, 839-871	27.2	18
535	FGF1 prevents diabetic cardiomyopathy by maintaining mitochondrial homeostasis and reducing oxidative stress via AMPK/Nur77 suppression. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 133	21	11
534	Role of mitochondrial quality surveillance in myocardial infarction: From bench to bedside. <i>Ageing Research Reviews</i> , <b>2021</b> , 66, 101250	12	43
533	Targeting autophagy in neurodegenerative diseases: From molecular mechanisms to clinical therapeutics. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 943-953	3	10
532	Oroxylum Indicum ameliorates chemotherapy induced cognitive impairment. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252522	3.7	3
531	Aging as a risk factor for cardiac surgery: Blunted ischemic-reperfusion stress response?. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 3641-3642	1.3	0
530	Cardamonin protects against lipopolysaccharide-induced myocardial contractile dysfunction in mice through Nrf2-regulated mechanism. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 404-413	8	10
529	NRF2 and paraquat-induced fatal redox stress <b>2021</b> , 91-98		
528	Deletion of the E3 ubiquitin ligase, Parkin, exacerbates chronic alcohol intake-induced cardiomyopathy through an Ambra1-dependent mechanism. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 964-982	8.6	6
527	TAX1BP1 protects against myocardial infarction-associated cardiac anomalies through inhibition of inflammasomes in a RNF34/MAVS/NLRP3-dependent manner. <i>Science Bulletin</i> , <b>2021</b> , 66, 1669-1669	10.6	10
526	Deciphering the role of autophagy in heart failure. <i>Cardiology Plus</i> , <b>2021</b> , 6, 92	0.3	1
525	Coronary microvascular injury in myocardial infarction: perception and knowledge for mitochondrial quality control. <i>Theranostics</i> , <b>2021</b> , 11, 6766-6785	12.1	33
524	GJA1 promotes hepatocellular carcinoma progression by mediating TGF- $\beta$ -induced activation and the epithelial-mesenchymal transition of hepatic stellate cells. <i>Open Medicine (Poland)</i> , <b>2021</b> , 16, 1459-1471	2.2	2
523	Endoplasmic reticulum stress and unfolded protein response in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , <b>2021</b> , 18, 499-521	14.8	57
522	Mitochondrial aldehyde dehydrogenase (ALDH2) rescues cardiac contractile dysfunction in an APP/PS1 murine model of Alzheimer's disease via inhibition of ACSL4-dependent ferroptosis. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> ,	8	9
521	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , <b>2021</b> , 32, 444-462	8.8	30

520	Ablation of Akt2 and AMPK2 rescues high fat diet-induced obesity and hepatic steatosis through Parkin-mediated mitophagy.. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 3508-3526	15.5	1
519	NDP52 Protects against Myocardial Infarction-Provoked Cardiac Anomalies through Promoting Autophagosome-Lysosome Fusion via Recruiting TBK1 and RAB7. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> ,	8.4	2
518	Dysregulation of iron metabolism in cardiovascular diseases: From iron deficiency to iron overload. <i>Biochemical Pharmacology</i> , <b>2021</b> , 190, 114661	6	7
517	A novel SERPINE1-FOSB fusion gene in pseudomyogenic hemangioendothelioma results in activation of intact FOSB and the PI3K-AKT-mTOR signaling pathway and responsiveness to sirolimus. <i>Journal of Dermatology</i> , <b>2021</b> , 48, 1900-1906	1.6	1
516	The ryanodine receptor stabilizer S107 ameliorates contractility of adult Rbm20 knockout rat cardiomyocytes. <i>Physiological Reports</i> , <b>2021</b> , 9, e15011	2.6	2
515	Targeting autophagy in ischemic stroke: From molecular mechanisms to clinical therapeutics. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 225, 107848	13.9	18
514	FUNDC1 insufficiency sensitizes high fat diet intake-induced cardiac remodeling and contractile anomaly through ACSL4-mediated ferroptosis. <i>Metabolism: Clinical and Experimental</i> , <b>2021</b> , 122, 154840	12.7	11
513	Necrolytic migratory erythema-like eruption and paradoxical psoriasis associated with adalimumab treatment. <i>Journal of Dermatology</i> , <b>2021</b> , 48, e572-e573	1.6	0
512	Obesity cardiomyopathy: evidence, mechanisms, and therapeutic implications. <i>Physiological Reviews</i> , <b>2021</b> , 101, 1745-1807	47.9	29
511	Oxidized LDL but not angiotensin II induces cardiomyocyte hypertrophic responses through the interaction between LOX-1 and AT receptors. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 162, 110-118	5.8	1
510	Deletion of TLR4 attenuates lipopolysaccharide-induced acute liver injury by inhibiting inflammation and apoptosis. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 1610-1619	8	12
509	Aging, mitochondria, and autophagy <b>2021</b> , 221-236		
508	Association Between Sex Hormones and Visual Field Progression in Women With Primary Open Angle Glaucoma: A Cross-Sectional and Prospective Cohort Study.. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 756186	5.3	1
507	FSTL1-USP10-Notch1 Signaling Axis Protects Against Cardiac Dysfunction Through Inhibition of Myocardial Fibrosis in Diabetic Mice.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 757068	5.7	1
506	Parkin deficiency accentuates chronic alcohol intake-induced tissue injury and autophagy defects in brain, liver and skeletal muscle. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2020</b> , 52, 665-674	2.8	7
505	Prevention of aortic dissection and aneurysm via an ALDH2-mediated switch in vascular smooth muscle cell phenotype. <i>European Heart Journal</i> , <b>2020</b> , 41, 2442-2453	9.5	27
504	Acetylation in cardiovascular diseases: Molecular mechanisms and clinical implications. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165836	6.9	12
503	SARS-CoV-2 and cardiovascular complications: From molecular mechanisms to pharmaceutical management. <i>Biochemical Pharmacology</i> , <b>2020</b> , 178, 114114	6	46

502	Scrotal Dowling-Degos disease caused by a novel frameshift variant in gamma-secretase subunit presenile enhancer gene. <i>Australasian Journal of Dermatology</i> , <b>2020</b> , 61, e399-e402	1.3	2
501	Double knockout of Akt2 and AMPK accentuates high fat diet-induced cardiac anomalies through a cGAS-STING-mediated mechanism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165855	6.9	16
500	TANK-binding kinase 1 alleviates myocardial ischemia/reperfusion injury through regulating apoptotic pathway. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 528, 574-579	3.4	2
499	Phosphoinositide 3-kinase therapy in diabetic cardiomyopathy: unravelling an enigma. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 318, H1029-H1031	5.2	5
498	Luteolin Attenuates Doxorubicin-Induced Cardiotoxicity Through Promoting Mitochondrial Autophagy. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 113	4.6	34
497	Pum2-Mff axis fine-tunes mitochondrial quality control in acute ischemic kidney injury. <i>Cell Biology and Toxicology</i> , <b>2020</b> , 36, 365-378	7.4	39
496	Melatonin Ameliorates MI-Induced Cardiac Remodeling and Apoptosis through a JNK/p53-Dependent Mechanism in Diabetes Mellitus. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 1535201	6.7	17
495	Knockout of macrophage migration inhibitory factor accentuates side-stream smoke exposure-induced myocardial contractile dysfunction through dysregulated mitophagy. <i>Pharmacological Research</i> , <b>2020</b> , 157, 104828	10.2	7
494	Enzyme-based autophagy in anti-neoplastic management: From molecular mechanisms to clinical therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2020</b> , 1874, 188366	11.2	17
493	Mitophagy inhibitor liensinine suppresses doxorubicin-induced cardiotoxicity through inhibition of Drp1-mediated maladaptive mitochondrial fission. <i>Pharmacological Research</i> , <b>2020</b> , 157, 104846	10.2	39
492	Preparation and Characterization of a Novel Triple Composite Scaffold Containing Silk Fiborin, Chitosan, and Alginate for 3D Culture of Colonic Carcinoma Cells In Vitro. <i>Medical Science Monitor</i> , <b>2020</b> , 26, e922935	3.2	2
491	Enhanced Bioavailability of Boswellic Acid by : A Computational and Pharmacokinetic Study. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 551911	5.6	4
490	CaMKII/calpain interaction mediates ischemia/reperfusion injury in isolated rat hearts. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 388	9.8	14
489	Bax inhibitor 1 preserves mitochondrial homeostasis in acute kidney injury through promoting mitochondrial retention of PHB2. <i>Theranostics</i> , <b>2020</b> , 10, 384-397	12.1	68
488	Fundc1-dependent mitophagy is obligatory to ischemic preconditioning-conferred renoprotection in ischemic AKI via suppression of Drp1-mediated mitochondrial fission. <i>Redox Biology</i> , <b>2020</b> , 30, 101415	11.3	87
487	DNA-PKcs promotes cardiac ischemia reperfusion injury through mitigating BI-1-governed mitochondrial homeostasis. <i>Basic Research in Cardiology</i> , <b>2020</b> , 115, 11	11.8	66
486	CD74 knockout protects against LPS-induced myocardial contractile dysfunction through AMPK-Skp2-SUV39H1-mediated demethylation of BCLB. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 1881-1897	8.6	12
485	Interrelationship between Alzheimer's disease and cardiac dysfunction: the brain-heart continuum?. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2020</b> , 52, 1-8	2.8	16

484	Irisin attenuates myocardial ischemia/reperfusion-induced cardiac dysfunction by regulating ER-mitochondria interaction through a mitochondrial ubiquitin ligase-dependent mechanism. <i>Clinical and Translational Medicine</i> , <b>2020</b> , 10, e166	5.7	21
483	Beclin1 haploinsufficiency rescues low ambient temperature-induced cardiac remodeling and contractile dysfunction through inhibition of ferroptosis and mitochondrial injury. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 113, 154397	12.7	14
482	Identification of as a Tumor Suppressor Gene for Colorectal Cancer and Its Involvement in Phospholipid Homeostasis. <i>BioMed Research International</i> , <b>2020</b> , 2020, 2015648	3	2
481	TBC1D15/RAB7-regulated mitochondria-lysosome interaction confers cardioprotection against acute myocardial infarction-induced cardiac injury. <i>Theranostics</i> , <b>2020</b> , 10, 11244-11263	12.1	21
480	Mitophagy Receptors and Mediators: Therapeutic Targets in the Management of Cardiovascular Ageing. <i>Ageing Research Reviews</i> , <b>2020</b> , 62, 101129	12	34
479	ALDH2 contributes to melatonin-induced protection against APP/PS1 mutation-prompted cardiac anomalies through cGAS-STING-TBK1-mediated regulation of mitophagy. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 119	21	27
478	Mitochondrial Ca regulation in the etiology of heart failure: physiological and pathophysiological implications. <i>Acta Pharmacologica Sinica</i> , <b>2020</b> , 41, 1301-1309	8	25
477	Role of Histone Deacetylases in Skeletal Muscle Physiology and Systemic Energy Homeostasis: Implications for Metabolic Diseases and Therapy. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 949	4.6	3
476	Curcumin suppresses doxorubicin-induced cardiomyocyte pyroptosis via a PI3K/Akt/mTOR-dependent manner. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 752-769	2.6	31
475	Beclin1 Haploinsufficiency accentuates second-hand smoke exposure -induced myocardial Remodeling and contractile dysfunction through a STING-mediated mechanism. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 148, 78-88	5.8	8
474	FUNDC1 interacts with FBXL2 to govern mitochondrial integrity and cardiac function through an IP3R3-dependent manner in obesity. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	32
473	Clinical phenotype, in silico and biomedical analyses, and intervention for an East Asian population-specific c.370G>A (p.G124S) COQ4 mutation in a Chinese family with CoQ10 deficiency-associated Leigh syndrome. <i>Journal of Human Genetics</i> , <b>2019</b> , 64, 297-304	4.3	9
472	Quercetin improve ischemia/reperfusion-induced cardiomyocyte apoptosis in vitro and in vivo study via SIRT1/PGC-1 $\beta$ signaling. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 9747-9757	4.7	32
471	CD74 knockout attenuates alcohol intake-induced cardiac dysfunction through AMPK-Skp2-mediated regulation of autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 2368-2378	6.9	9
470	Cardiac-specific overexpression of metallothionein attenuates L-NAME-induced myocardial contractile anomalies and apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 4640-4652	5.6	9
469	Response: Leptin, Endothelin, NADPH Oxidase, and Heart Failure. <i>Hypertension</i> , <b>2019</b> ,	8.5	
468	Mitophagy and mitochondrial integrity in cardiac ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 2293-2302	6.9	89
467	Mitochondrial ALDH2 protects against lipopolysaccharide-induced myocardial contractile dysfunction by suppression of ER stress and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 1627-1641	6.9	32

466	Inhibition of CYP2E1 attenuates myocardial dysfunction in a murine model of insulin resistance through NLRP3-mediated regulation of mitophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 206-217	6.9	9
465	Overexpression of CPXM2 predicts an unfavorable prognosis and promotes the proliferation and migration of gastric cancer. <i>Oncology Reports</i> , <b>2019</b> , 42, 1283-1294	3.5	9
464	ALDH2 and Stroke: A Systematic Review of the Evidence. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1193, 195-210	3.6	10
463	The Role of ALDH2 in Sepsis and the To-Be-Discovered Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1193, 175-194	3.6	4
462	ALDH2 Polymorphism and Ethanol Consumption: A Genetic-Environmental Interaction in Carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1193, 229-236	3.6	7
461	Aldehyde Dehydrogenase 2 (ALDH2) and Aging: Is There a Sensible Link?. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1193, 237-253	3.6	6
460	Mitophagy, Mitochondrial Dynamics, and Homeostasis in Cardiovascular Aging. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 9825061	6.7	71
459	Mitochondrial Injury and Targeted Intervention in Septic Cardiomyopathy. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 2060-2070	3.3	13
458	Trehalose Protects against Insulin Resistance-Induced Tissue Injury and Excessive Autophagy in Skeletal Muscles and Kidney. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 2077-2085	3.3	2
457	1154-P: Genetic and Pharmacological Suppression of Cathepsin K Promotes Wound Healing in Diabetic Mice. <i>Diabetes</i> , <b>2019</b> , 68, 1154-P	0.9	
456	TAFAS promotes proliferation and migration in gastric cancer. <i>Molecular Medicine Reports</i> , <b>2019</b> , 20, 4477-4488	2.9	2
455	Physical Exercise and Selective Autophagy: Benefit and Risk on Cardiovascular Health. <i>Cells</i> , <b>2019</b> , 8,	7.9	38
454	DNA-PKcs promotes alcohol-related liver disease by activating Drp1-related mitochondrial fission and repressing FUNDC1-required mitophagy. <i>Signal Transduction and Targeted Therapy</i> , <b>2019</b> , 4, 56	21	67
453	BI1 alleviates cardiac microvascular ischemia-reperfusion injury via modifying mitochondrial fission and inhibiting XO/ROS/F-actin pathways. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 5056-5069	7	59
452	Double knockout of Akt2 and AMPK predisposes cardiac aging without affecting lifespan: Role of autophagy and mitophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 1865-1875	6.9	29
451	Treg cells depletion is a mechanism that drives microvascular dysfunction in mice with established hypertension. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 403-412	6.9	8
450	Role of Mammalian Target of Rapamycin in Muscle Growth <b>2019</b> , 251-261		1
449	Role of autophagy in inherited metabolic and endocrine myopathies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 48-55	6.9	16

448	Maternal obesity impairs fetal cardiomyocyte contractile function in sheep. <i>FASEB Journal</i> , <b>2019</b> , 33, 2587-2598	0.9	16
447	Targeting autophagy in obesity: from pathophysiology to management. <i>Nature Reviews Endocrinology</i> , <b>2018</b> , 14, 356-376	15.2	166
446	Ablation of toll-like receptor 4 attenuates aging-induced myocardial remodeling and contractile dysfunction through NCoRI-HDAC1-mediated regulation of autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 119, 40-50	5.8	43
445	BI1 is associated with microvascular protection in cardiac ischemia reperfusion injury via repressing Syk-Nox2-Drp1-mitochondrial fission pathways. <i>Angiogenesis</i> , <b>2018</b> , 21, 599-615	10.6	115
444	Protective role of melatonin in cardiac ischemia-reperfusion injury: From pathogenesis to targeted therapy. <i>Journal of Pineal Research</i> , <b>2018</b> , 64, e12471	10.4	158
443	MicroRNA-21: Bridging Binge Drinking and Cardiovascular Health. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2018</b> , 42, 678-681	3.7	2
442	Ripk3 regulates cardiac microvascular reperfusion injury: The role of IP3R-dependent calcium overload, XO-mediated oxidative stress and F-actin/filopodia-based cellular migration. <i>Cellular Signalling</i> , <b>2018</b> , 45, 12-22	4.9	106
441	Empagliflozin rescues diabetic myocardial microvascular injury via AMPK-mediated inhibition of mitochondrial fission. <i>Redox Biology</i> , <b>2018</b> , 15, 335-346	11.3	246
440	ALDH2 protects against high fat diet-induced obesity cardiomyopathy and defective autophagy: role of CaM kinase II, histone H3K9 methyltransferase SUV39H, Sirt1, and PGC-1 $\alpha$ acetylation. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1073-1087	5.5	50
439	Pathogenesis of cardiac ischemia reperfusion injury is associated with CK2 $\beta$ -disturbed mitochondrial homeostasis via suppression of FUNDC1-related mitophagy. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 1080-1093	12.7	236
438	Role of autophagy and regulatory mechanisms in alcoholic cardiomyopathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 2003-2009	6.9	32
437	Effects of melatonin on fatty liver disease: The role of NR4A1/DNA-PKcs/p53 pathway, mitochondrial fission, and mitophagy. <i>Journal of Pineal Research</i> , <b>2018</b> , 64, e12450	10.4	170
436	Activation of aldehyde dehydrogenase 2 slows down the progression of atherosclerosis via attenuation of ER stress and apoptosis in smooth muscle cells. <i>Acta Pharmacologica Sinica</i> , <b>2018</b> , 39, 48-58	8	30
435	Autophagy as an emerging target in cardiorenal metabolic disease: From pathophysiology to management. <i>Pharmacology &amp; Therapeutics</i> , <b>2018</b> , 191, 1-22	13.9	70
434	ER-Mitochondria Microdomains in Cardiac Ischemia-Reperfusion Injury: A Fresh Perspective. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 755	4.6	114
433	Autophagic Regulation of Lipid Homeostasis in Cardiometabolic Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 38	5.4	26
432	Obesity Paradox in Aging: From Prevalence to Pathophysiology. <i>Progress in Cardiovascular Diseases</i> , <b>2018</b> , 61, 182-189	8.5	57
431	Autophagy as a Therapeutic Target for Cardiovascular Complications in Obesity: Concepts, Controversies, and Challenges <b>2018</b> , 117-126		



430 Autophagy and Lipid Metabolism in Cardiometabolic Diseases **2018**, 127-135

429 Autophagy, Oxidative Stress, and Redox Regulation **2018**, 237-251 1

428 Cardiomyocyte-specific knockout of endothelin receptor a attenuates obesity cardiomyopathy. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 3339-3352 6.9 16

427 Metabolic Stress, Autophagy, and Cardiovascular Aging: from Pathophysiology to Therapeutics. *Trends in Endocrinology and Metabolism*, **2018**, 29, 699-711 8.8 59

426 NR4A1 aggravates the cardiac microvascular ischemia reperfusion injury through suppressing FUNDC1-mediated mitophagy and promoting Mff-required mitochondrial fission by CK2. *Basic Research in Cardiology*, **2018**, 113, 23 11.8 197

425 Cardiomyocyte-specific disruption of Cathepsin K protects against doxorubicin-induced cardiotoxicity. *Cell Death and Disease*, **2018**, 9, 692 9.8 22

424 Pancreatic Neoplasms and Autophagy. *Current Drug Targets*, **2018**, 19, 1018-1023 3 3

423 Endoplasmic Reticulum Stress Related Molecular Mechanisms in Nonalcoholic Fatty Liver Disease (NAFLD). *Current Drug Targets*, **2018**, 19, 1087-1094 3 20

422 Vasodilatory Effects of Aloperine in Rat Aorta and Its Possible Mechanisms. *Chinese Journal of Physiology*, **2018**, 61, 293-301 1.6 5

421 Inhibition of advanced glycation endproduct (AGE) rescues against streptozotocin-induced diabetic cardiomyopathy: Role of autophagy and ER stress. *Toxicology Letters*, **2018**, 284, 10-20 4.4 38

420 DUSP1 alleviates cardiac ischemia/reperfusion injury by suppressing the Mff-required mitochondrial fission and Bnip3-related mitophagy via the JNK pathways. *Redox Biology*, **2018**, 14, 576-587 11.3 250

419 Effect of Age on Prognosis of Gastric Signet-Ring Cell Carcinoma: A SEER Database Analysis. *Medical Science Monitor*, **2018**, 24, 8524-8532 3.2 11

418 Overexpression of FNDC1 in Gastric Cancer and its Prognostic Significance. *Journal of Cancer*, **2018**, 9, 4586-4595 4.5 18

417 Melatonin Ameliorates the Progression of Atherosclerosis via Mitophagy Activation and NLRP3 Inflammasome Inhibition. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 9286458 6.7 100

416 Targeting Autophagy in Aging and Aging-Related Cardiovascular Diseases. *Trends in Pharmacological Sciences*, **2018**, 39, 1064-1076 13.2 118

415 Treatment of Grade I and II types of xanthelasma palpebrarum with intralesional heparin sodium. *Dermatologic Therapy*, **2018**, 31, e12723 2.2 0

414 Microtubule associated protein 4 phosphorylation leads to pathological cardiac remodeling in mice. *EBioMedicine*, **2018**, 37, 221-235 8.8 18

413 Exendin-4 and Liraglutide Attenuate Glucose Toxicity-Induced Cardiac Injury through mTOR/ULK1-Dependent Autophagy. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 5396806 6.7 24

412	Ablation of Akt2 prevents paraquat-induced myocardial mitochondrial injury and contractile dysfunction: Role of Nrf2. <i>Toxicology Letters</i> , <b>2017</b> , 269, 1-14	4.4	46
411	Rutin attenuates doxorubicin-induced cardiotoxicity via regulating autophagy and apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 1904-1911	6.9	58
410	Complex inhibition of autophagy by mitochondrial aldehyde dehydrogenase shortens lifespan and exacerbates cardiac aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 1919-1932	6.9	44
409	Deletion of protein tyrosine phosphatase 1B obliterates endoplasmic reticulum stress-induced myocardial dysfunction through regulation of autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 3060-3074	6.9	22
408	Targeting Transient Receptor Potential Channels in Cardiometabolic Diseases and Myocardial Ischemia Reperfusion Injury. <i>Current Drug Targets</i> , <b>2017</b> , 18, 1733-1745	3	7
407	Evolution of Vertebrate Ryanodine Receptors Family in Relation to Functional Divergence and Conservation. <i>International Heart Journal</i> , <b>2017</b> , 58, 969-977	1.8	2
406	Cathepsin K knockout protects against cardiac dysfunction in diabetic mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 8703	4.9	16
405	Ripk3 induces mitochondrial apoptosis via inhibition of FUNDC1 mitophagy in cardiac IR injury. <i>Redox Biology</i> , <b>2017</b> , 13, 498-507	11.3	204
404	Akt2 ablation prolongs life span and improves myocardial contractile function with adaptive cardiac remodeling: role of Sirt1-mediated autophagy regulation. <i>Aging Cell</i> , <b>2017</b> , 16, 976-987	9.9	73
403	Melatonin suppresses platelet activation and function against cardiac ischemia/reperfusion injury via PPAR $\gamma$ /FUNDC1/mitophagy pathways. <i>Journal of Pineal Research</i> , <b>2017</b> , 63, e12438	10.4	162
402	Toll-like receptor 4 ablation rescues against paraquat-triggered myocardial dysfunction: Role of ER stress and apoptosis. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 656-668	4.2	23
401	LncRNA Expression in CD4+ T Cells in Neurosyphilis Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 461	5.9	7
400	Mas receptor mediates cardioprotection of angiotensin-(1-7) against Angiotensin II-induced cardiomyocyte autophagy and cardiac remodelling through inhibition of oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , <b>2016</b> , 20, 48-57	5.6	49
399	Therapeutic efficacy of apelin on transplanted mesenchymal stem cells in hindlimb ischemic mice via regulation of autophagy. <i>Scientific Reports</i> , <b>2016</b> , 6, 21914	4.9	28
398	Capsaicin induces browning of white adipose tissue and counters obesity by activating TRPV1 channel-dependent mechanisms. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 2369-89	8.6	145
397	A feasibility study of total endovascular aortic arch replacement: From stent-graft design to preclinical testing. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 1203-12	1.5	12
396	Toll-like receptor 4 knockout alleviates paraquat-induced cardiomyocyte contractile dysfunction through an autophagy-dependent mechanism. <i>Toxicology Letters</i> , <b>2016</b> , 257, 11-22	4.4	25
395	Suppression of Bim by microRNA-19a may protect cardiomyocytes against hypoxia-induced cell death via autophagy activation. <i>Toxicology Letters</i> , <b>2016</b> , 257, 72-83	4.4	24

394	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
393	Epigenetics and obesity cardiomyopathy: From pathophysiology to prevention and management. <i>Pharmacology &amp; Therapeutics</i> , <b>2016</b> , 161, 52-66	13.9	69
392	Mitochondrial aldehyde dehydrogenase protects against doxorubicin cardiotoxicity through a transient receptor potential channel vanilloid 1-mediated mechanism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 622-634	6.9	27
391	CARD9 knockout ameliorates myocardial dysfunction associated with high fat diet-induced obesity. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 92, 185-95	5.8	40
390	Leptin and Obesity <b>2016</b> , 45-58		4
389	Mitochondrial aldehyde dehydrogenase obliterates insulin resistance-induced cardiac dysfunction through deacetylation of PGC-1 $\alpha$ . <i>Oncotarget</i> , <b>2016</b> , 7, 76398-76414	3.3	23
388	Emerging Role for RBM20 and its Splicing Substrates in Cardiac Function and Heart Failure. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 4744-4751	3.3	8
387	Role of Mammalian Target of Rapamycin (mTOR) in Cardiac Homeostasis in Metabolic Disorders <b>2016</b> , 263-274		
386	CARD9 as a potential target in cardiovascular disease. <i>Drug Design, Development and Therapy</i> , <b>2016</b> , 10, 3799-3804	4.4	14
385	Alcohol Dehydrogenase Protects against Endoplasmic Reticulum Stress-Induced Myocardial Contractile Dysfunction via Attenuation of Oxidative Stress and Autophagy: Role of PTEN-Akt-mTOR Signaling. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147322	3.7	21
384	mTOR-Independent autophagy inducer trehalose rescues against insulin resistance-induced myocardial contractile anomalies: Role of p38 MAPK and Foxo1. <i>Pharmacological Research</i> , <b>2016</b> , 111, 357-373	10.2	48
383	Macrophage Migration Inhibitory Factor (MIF) Deficiency Exacerbates Aging-Induced Cardiac Remodeling and Dysfunction Despite Improved Inflammation: Role of Autophagy Regulation. <i>Scientific Reports</i> , <b>2016</b> , 6, 22488	4.9	38
382	Permissive role of AMPK and autophagy in adiponectin deficiency-accentuated myocardial injury and inflammation in endotoxemia. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 93, 18-31	5.8	37
381	Effectiveness and Safety of Transcatheter Closure of Perimembranous Ventricular Septal Defects in Adults. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 980-7	3	10
380	The insulin-like growth factor I system: physiological and pathophysiological implication in cardiovascular diseases associated with metabolic syndrome. <i>Biochemical Pharmacology</i> , <b>2015</b> , 93, 409-17	6	66
379	New insights of $\beta$ -calpain in the pathogenesis of diabetic $\beta$ -vascular injury. <i>Diabetes</i> , <b>2015</b> , 64, 693-5	0.9	7
378	RBM20 is an essential factor for thyroid hormone-regulated titin isoform transition. <i>Journal of Molecular Cell Biology</i> , <b>2015</b> , 7, 88-90	6.3	21
377	Too much or not enough of a good thing--The Janus faces of autophagy in cardiac fuel and protein homeostasis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 84, 223-6	5.8	40

376	Cardiac-specific overexpression of metallothionein attenuates myocardial remodeling and contractile dysfunction in L-NAME-induced experimental hypertension: Role of autophagy regulation. <i>Toxicology Letters</i> , <b>2015</b> , 237, 121-32	4.4	24
375	Deficiency in adiponectin exaggerates cigarette smoking exposure-induced cardiac contractile dysfunction: Role of autophagy. <i>Pharmacological Research</i> , <b>2015</b> , 100, 175-89	10.2	15
374	Cathepsin K knockout alleviates aging-induced cardiac dysfunction. <i>Aging Cell</i> , <b>2015</b> , 14, 345-51	9.9	33
373	Mitochondrial Aldehyde Dehydrogenase 2 Regulates Revascularization in Chronic Ischemia: Potential Impact on the Development of Coronary Collateral Circulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2196-206	9.4	27
372	Understanding peptide biology: The discovery and characterization of the novel hormone, neuronostatin. <i>Peptides</i> , <b>2015</b> , 72, 192-5	3.8	9
371	Sarcomeric protein isoform transitions in cardiac muscle: a journey to heart failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 47-52	6.9	61
370	17- $\beta$ -Estradiol attenuates ovariectomy-induced changes in cardiomyocyte contractile function via activation of AMP-activated protein kinase. <i>Toxicology Letters</i> , <b>2015</b> , 232, 253-62	4.4	20
369	Endoplasmic reticulum stress and protein quality control in diabetic cardiomyopathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 209-18	6.9	90
368	Targeted deletion of PTEN in cardiomyocytes renders cardiac contractile dysfunction through interruption of Pink1-AMPK signaling and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 290-8	6.9	39
367	$\alpha$ -Unsaturated aldehyde pollutant acrolein suppresses cardiomyocyte contractile function: Role of TRPV1 and oxidative stress. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 638-47	4.2	9
366	Low-Level Electrical Stimulation of Aortic Root Ventricular Ganglionated Plexi Attenuates Autonomic Nervous System-Mediated Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , <b>2015</b> , 1, 390-397	4.6	1
365	High-density lipoprotein inhibits mechanical stress-induced cardiomyocyte autophagy and cardiac hypertrophy through angiotensin II type 1 receptor-mediated PI3K/Akt pathway. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 1929-38	5.6	28
364	DIDS reduces ischemia/reperfusion-induced myocardial injury in rats. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 35, 676-88	3.9	25
363	Moderate ethanol administration accentuates cardiomyocyte contractile dysfunction and mitochondrial injury in high fat diet-induced obesity. <i>Toxicology Letters</i> , <b>2015</b> , 233, 267-77	4.4	13
362	Slow-releasing rapamycin-coated bionic peripheral nerve scaffold promotes the regeneration of rat sciatic nerve after injury. <i>Life Sciences</i> , <b>2015</b> , 122, 92-9	6.8	14
361	Aldehyde dehydrogenase-2 plays a beneficial role in ameliorating chronic alcohol-induced hepatic steatosis and inflammation through regulation of autophagy. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 647-56	13.4	63
360	Abstract 18792: Beclin-1 Haploinsufficiency Protects Against Obesity-induced Cardiac Dysfunction Through Compensatory Mitophagy and Alternative Autophagy. <i>Circulation</i> , <b>2015</b> , 132,	16.7	7
359	Mitochondrial aldehyde dehydrogenase in myocardial ischemia-reperfusion injury: from bench to bedside. <i>Acta Physiologica Sinica</i> , <b>2015</b> , 67, 535-44	1.3	9

358	Inhibition of reactive oxygen species in hypothalamic paraventricular nucleus attenuates the renin-angiotensin system and proinflammatory cytokines in hypertension. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 276, 115-20	4.6	66
357	Nicotine, cigarette smoking and cardiac function: an update. <i>Toxicology Research</i> , <b>2014</b> , 3, 7-10	2.6	6
356	Macrophage migration inhibitory factor deletion exacerbates pressure overload-induced cardiac hypertrophy through mitigating autophagy. <i>Hypertension</i> , <b>2014</b> , 63, 490-9	8.5	82
355	MicroRNA-206 suppresses gastric cancer cell growth and metastasis. <i>Cell and Bioscience</i> , <b>2014</b> , 4, 26	9.8	48
354	Inhibition of protein kinase C $\beta$ isoform ameliorates methylglyoxal advanced glycation endproduct-induced cardiomyocyte contractile dysfunction. <i>Life Sciences</i> , <b>2014</b> , 94, 83-91	6.8	13
353	$\alpha$ -Unsaturated aldehyde crotonaldehyde triggers cardiomyocyte contractile dysfunction: role of TRPV1 and mitochondrial function. <i>Pharmacological Research</i> , <b>2014</b> , 82, 40-50	10.2	27
352	The independent role of the aortic root ganglionated plexi in the initiation of atrial fibrillation: An experimental study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 73-6	1.5	6
351	Heavy metal scavenger metallothionein attenuates ER stress-induced myocardial contractile anomalies: role of autophagy. <i>Toxicology Letters</i> , <b>2014</b> , 225, 333-41	4.4	23
350	Ablation of Akt2 protects against lipopolysaccharide-induced cardiac dysfunction: role of Akt ubiquitination E3 ligase TRAF6. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2014</b> , 74, 76-87	5.8	35
349	Aldehyde dehydrogenase 2 ameliorates doxorubicin-induced myocardial dysfunction through detoxification of 4-HNE and suppression of autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2014</b> , 71, 92-104	5.8	78
348	Transcatheter versus surgical closure of perimembranous ventricular septal defects in children: a randomized controlled trial. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1159-1168	15.1	71
347	Tumour necrosis factor- $\beta$ inhibition with lenalidomide alleviates tissue oxidative injury and apoptosis in ob/ob obese mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 489-501		10
346	Endurance exercise accelerates myocardial tissue oxygenation recovery and reduces ischemia reperfusion injury in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e114205	3.7	11
345	Mitochondria-targeted antioxidant prevents cardiac dysfunction induced by tafazzin gene knockdown in cardiac myocytes. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2014</b> , 2014, 654198	6.7	36
344	Regulation of Autophagy in Obesity-Induced Cardiac Dysfunction <b>2014</b> , 329-340		1
343	Hydrogen sulfide alleviates cardiac contractile dysfunction in an Akt2-knockout murine model of insulin resistance: role of mitochondrial injury and apoptosis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 306, R761-71	3.2	25
342	Inhibition of mammalian target of rapamycin with rapamycin reverses hypertrophic cardiomyopathy in mice with cardiomyocyte-specific knockout of PTEN. <i>Hypertension</i> , <b>2014</b> , 63, 729-39	8.5	34
341	Successful treatment of angiolymphoid hyperplasia with eosinophilia and Kimura disease in the same patient with surgery. <i>Dermatologic Therapy</i> , <b>2014</b> , 27, 36-8	2.2	4

340	Application of a novel curcumin analog in the management of diabetic cardiomyopathy. <i>Diabetes</i> , <b>2014</b> , 63, 3166-8	0.9	15
339	AMP-activated protein kinase deficiency rescues paraquat-induced cardiac contractile dysfunction through an autophagy-dependent mechanism. <i>Toxicological Sciences</i> , <b>2014</b> , 142, 6-20	4.4	24
338	Neuronostatin attenuates myocardial contractile function through inhibition of sarcoplasmic reticulum Ca <sup>2+</sup> -ATPase in murine heart. <i>Cellular Physiology and Biochemistry</i> , <b>2014</b> , 33, 1921-32	3.9	5
337	Mitochondrial aldehyde dehydrogenase 2 accentuates aging-induced cardiac remodeling and contractile dysfunction: role of AMPK, Sirt1, and mitochondrial function. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 71, 208-220	7.8	85
336	Akt2 knockout alleviates prolonged caloric restriction-induced change in cardiac contractile function through regulation of autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2014</b> , 71, 81-91	5.8	23
335	Novel curcumin derivative CNB-001 mitigates obesity-associated insulin resistance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2014</b> , 349, 248-57	4.7	26
334	Autophagy inhibition rescues against leptin-induced cardiac contractile dysfunction. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 675-83	3.3	12
333	What fans the fire: insights into mechanisms of leptin in metabolic syndrome-associated heart diseases. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 652-8	3.3	41
332	Contribution of ALDH2 polymorphism to alcoholism-associated hypertension. <i>Recent Patents on Endocrine, Metabolic &amp; Immune Drug Discovery</i> , <b>2014</b> , 8, 180-5		19
331	Maternal obesity, lipotoxicity and cardiovascular diseases in offspring. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 55, 111-6	5.8	84
330	Lipopolysaccharides reduce adipogenesis in 3T3-L1 adipocytes through activation of NF- $\kappa$ B pathway and downregulation of AMPK expression. <i>Cardiovascular Toxicology</i> , <b>2013</b> , 13, 338-46	3.4	17
329	Chronic Akt activation attenuated lipopolysaccharide-induced cardiac dysfunction via Akt/GSK3 $\beta$ dependent inhibition of apoptosis and ER stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 848-63	6.9	68
328	Apelin administration ameliorates high fat diet-induced cardiac hypertrophy and contractile dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 63, 4-13	5.8	78
327	Cardiomyocyte-specific deletion of endothelin receptor A rescues aging-associated cardiac hypertrophy and contractile dysfunction: role of autophagy. <i>Basic Research in Cardiology</i> , <b>2013</b> , 108, 335 <sup>11.8</sup>		50
326	Mitochondrial aldehyde dehydrogenase obliterates endoplasmic reticulum stress-induced cardiac contractile dysfunction via correction of autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 574-84	6.9	24
325	Inhibition of protein kinase C $\beta$ isoform rescues glucose toxicity-induced cardiomyocyte contractile dysfunction: role of mitochondria. <i>Life Sciences</i> , <b>2013</b> , 93, 116-24	6.8	12
324	Interaction between maternal and postnatal high fat diet leads to a greater risk of myocardial dysfunction in offspring via enhanced lipotoxicity, IRS-1 serine phosphorylation and mitochondrial defects. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 55, 117-29	5.8	58
323	Prenatal ethanol exposure increases brain cholesterol content in adult rats. <i>Lipids</i> , <b>2013</b> , 48, 1059-68	1.6	8

322	Deficiency of insulin-like growth factor 1 attenuates aging-induced changes in hepatic function: role of autophagy. <i>Journal of Hepatology</i> , <b>2013</b> , 59, 308-17	13.4	31
321	Inhibition of DNA methylation attenuates low-dose cadmium-induced cardiac contractile and intracellular Ca(2+) anomalies. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2013</b> , 40, 706-12	3	19
320	Folic acid reverses nitric oxide synthase uncoupling and prevents cardiac dysfunction in insulin resistance: role of Ca2+/calmodulin-activated protein kinase II. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 65, 234-243	7.8	27
319	Influence of gestational overfeeding on myocardial proinflammatory mediators in fetal sheep heart. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1982-90	6.3	25
318	Maternal nutrient restriction predisposes ventricular remodeling in adult sheep offspring. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1258-65	6.3	13
317	Adipose stromal cell and sarpogrelate orchestrate the recovery of inflammation-induced angiogenesis in aged hindlimb ischemic mice. <i>Aging Cell</i> , <b>2013</b> , 12, 32-41	9.9	7
316	Adiponectin knockout accentuates high fat diet-induced obesity and cardiac dysfunction: role of autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 1136-48	6.9	110
315	Glucagon-like peptide-1 protects against cardiac microvascular injury in diabetes via a cAMP/PKA/Rho-dependent mechanism. <i>Diabetes</i> , <b>2013</b> , 62, 1697-708	0.9	132
314	Cathepsin K knockout mitigates high-fat diet-induced cardiac hypertrophy and contractile dysfunction. <i>Diabetes</i> , <b>2013</b> , 62, 498-509	0.9	70
313	Inhibition of CYP2E1 attenuates chronic alcohol intake-induced myocardial contractile dysfunction and apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 128-41	6.9	28
312	Heavy metal scavenger metallothionein mitigates deep hypothermia-induced myocardial contractile anomalies: role of autophagy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E74-86	6	16
311	Oxidative activation of Ca(2+)/calmodulin-activated kinase II mediates ER stress-induced cardiac dysfunction and apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 304, H828-39	5.2	32
310	ALDH2, a novel protector against stroke?. <i>Cell Research</i> , <b>2013</b> , 23, 874-5	24.7	15
309	Ellagic Acid Reduces Adipogenesis through Inhibition of Differentiation-Prevention of the Induction of Rb Phosphorylation in 3T3-L1 Adipocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 287534	2.3	13
308	Akt2 knockout preserves cardiac function in high-fat diet-induced obesity by rescuing cardiac autophagosome maturation. <i>Journal of Molecular Cell Biology</i> , <b>2013</b> , 5, 61-3	6.3	116
307	Macrophage migration inhibitory factor deficiency augments doxorubicin-induced cardiomyopathy. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000439	6	55
306	Role of Mammalian Target of Rapamycin (mTOR) in Muscle Growth <b>2013</b> , 217-227		
305	Bisdemethoxycurcumin inhibits PDGF-induced vascular smooth muscle cell motility and proliferation. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1611-8	5.9	13

304	Macrophage migration inhibitory factor plays a permissive role in the maintenance of cardiac contractile function under starvation through regulation of autophagy. <i>Cardiovascular Research</i> , <b>2013</b> , 99, 412-21	9.9	46
303	Cathepsin K knockout alleviates pressure overload-induced cardiac hypertrophy. <i>Hypertension</i> , <b>2013</b> , 61, 1184-92	8.5	36
302	MTOR overactivation and interrupted autophagy flux in obese hearts: a dicey assembly?. <i>Autophagy</i> , <b>2013</b> , 9, 939-41	10.2	29
301	Cardiac-specific overexpression of metallothionein rescues against cigarette smoking exposure-induced myocardial contractile and mitochondrial damage. <i>PLoS ONE</i> , <b>2013</b> , 8, e57151	3.7	35
300	Tauroursodeoxycholic acid mitigates high fat diet-induced cardiomyocyte contractile and intracellular Ca <sup>2+</sup> anomalies. <i>PLoS ONE</i> , <b>2013</b> , 8, e63615	3.7	30
299	Treatment of foot disease in patients with type 2 diabetes mellitus using human umbilical cord blood mesenchymal stem cells: response and correction of immunological anomalies. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 4893-9	3.3	42
298	Protein tyrosine phosphatase 1B and insulin resistance: role of endoplasmic reticulum stress/reactive oxygen species/nuclear factor kappa B axis. <i>PLoS ONE</i> , <b>2013</b> , 8, e77228	3.7	69
297	Modulation of staurosporine-activated volume-sensitive outwardly rectifying Cl <sup>-</sup> channel by PI3K/Akt in cardiomyocytes. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 4859-64	3.3	11
296	ULK1 plays a critical role in AMPK-mediated myocardial autophagy and contractile dysfunction following acute alcohol challenge. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 4874-87	3.3	29
295	Cardiac stem cell regeneration in metabolic syndrome. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 4888-92	3.3	4
294	Papulonecrotic Tuberculid with Positive Acid-fast Bacilli. <i>Indian Journal of Dermatology</i> , <b>2013</b> , 58, 85	0.9	2
293	IGF-1 deficiency resists cardiac hypertrophy and myocardial contractile dysfunction: role of microRNA-1 and microRNA-133a. <i>Journal of Cellular and Molecular Medicine</i> , <b>2012</b> , 16, 83-95	5.6	75
292	mTOR-STAT3-notch signalling contributes to ALDH2-induced protection against cardiac contractile dysfunction and autophagy under alcoholism. <i>Journal of Cellular and Molecular Medicine</i> , <b>2012</b> , 16, 616-26	5.6	59
291	Molecular mechanisms of chromium in alleviating insulin resistance. <i>Journal of Nutritional Biochemistry</i> , <b>2012</b> , 23, 313-9	6.3	126
290	Chronic social stress induces cardiomyocyte contractile dysfunction and intracellular Ca <sup>2+</sup> derangement in rats. <i>Physiology and Behavior</i> , <b>2012</b> , 105, 498-509	3.5	12
289	Toll-like receptor 4 knockout protects against anthrax lethal toxin-induced cardiac contractile dysfunction: role of autophagy. <i>British Journal of Pharmacology</i> , <b>2012</b> , 167, 612-26	8.6	11
288	Autophagy and cardiovascular aging: lesson learned from rapamycin. <i>Cell Cycle</i> , <b>2012</b> , 11, 2092-9	4.7	68
287	Calpain inhibitor MDL 28170 protects against the Ca <sup>2+</sup> paradox in rat hearts. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 385-92	3	10



286	Transcatheter closure of congenital perimembranous ventricular septal defect in children using symmetric occluders: an 8-year multiinstitutional experience. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 592-8	2.7	26
285	Cardiac-specific overexpression of catalase attenuates lipopolysaccharide-induced myocardial contractile dysfunction: role of autophagy. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 1327-38	7.8	92
284	Nitric oxide synthase uncoupling: a therapeutic target in cardiovascular diseases. <i>Vascular Pharmacology</i> , <b>2012</b> , 57, 168-72	5.9	102
283	Cardiac-specific catalase overexpression rescues anthrax lethal toxin-induced cardiac contractile dysfunction: role of oxidative stress and autophagy. <i>BMC Medicine</i> , <b>2012</b> , 10, 134	11.4	14
282	Mitochondrial aldehyde dehydrogenase (ALDH2) protects against streptozotocin-induced diabetic cardiomyopathy: role of GSK3 $\beta$ and mitochondrial function. <i>BMC Medicine</i> , <b>2012</b> , 10, 40	11.4	106
281	Obstructive sleep apnoea and cardiovascular complications: perception versus knowledge. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 995-1003	3	23
280	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	4.2	2783
279	Short-term lenalidomide (Revlimid) administration ameliorates cardiomyocyte contractile dysfunction in ob/ob obese mice. <i>Obesity</i> , <b>2012</b> , 20, 2174-85	8	13
278	Influence of long-term caloric restriction on myocardial and cardiomyocyte contractile function and autophagy in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2012</b> , 23, 1592-9	6.3	48
277	Compensation: a contemporary regulatory machinery in cardiovascular diseases?. <i>Cardiovascular Toxicology</i> , <b>2012</b> , 12, 275-84	3.4	2
276	Insulin-like growth factor 1 alleviates high-fat diet-induced myocardial contractile dysfunction: role of insulin signaling and mitochondrial function. <i>Hypertension</i> , <b>2012</b> , 59, 680-93	8.5	69
275	Unmasking the janus faces of autophagy in obesity-associated insulin resistance and cardiac dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 200-8	3	34
274	Frontiers in research: obesity and health. Introduction. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 158-60	3	1
273	Cardiac overexpression of metallothionein rescues cold exposure-induced myocardial contractile dysfunction through attenuation of cardiac fibrosis despite cardiomyocyte mechanical anomalies. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 194-207	7.8	25
272	Cardiac-specific knockout of ET(A) receptor mitigates low ambient temperature-induced cardiac hypertrophy and contractile dysfunction. <i>Journal of Molecular Cell Biology</i> , <b>2012</b> , 4, 97-107	6.3	50
271	Short-chain fatty acid propionate alleviates Akt2 knockout-induced myocardial contractile dysfunction. <i>Experimental Diabetes Research</i> , <b>2012</b> , 2012, 851717		18
270	Mitochondria and Oxidative Stress in the Cardiorenal Metabolic Syndrome. <i>CardioRenal Medicine</i> , <b>2012</b> , 2, 87-109	2.8	50
269	Facilitated ethanol metabolism promotes cardiomyocyte contractile dysfunction through autophagy in murine hearts. <i>Autophagy</i> , <b>2012</b> , 8, 593-608	10.2	80

268	Epidemiological survey on the prevalence of periodontitis and diabetes mellitus in Uyghur adults from rural Hotan area in Xinjiang. <i>Experimental Diabetes Research</i> , <b>2012</b> , 2012, 758921		18
267	Ca <sup>2+</sup> /calmodulin-dependent protein kinase mediates glucose toxicity-induced cardiomyocyte contractile dysfunction. <i>Experimental Diabetes Research</i> , <b>2012</b> , 2012, 829758		6
266	Deficiency in AMPK attenuates ethanol-induced cardiac contractile dysfunction through inhibition of autophagosome formation. <i>Cardiovascular Research</i> , <b>2012</b> , 94, 480-91	9.9	71
265	Low-dose Cd induces hepatic gene hypermethylation, along with the persistent reduction of cell death and increase of cell proliferation in rats and mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e33853	3.7	38
264	Side-stream smoking reduces intestinal inflammation and increases expression of tight junction proteins. <i>World Journal of Gastroenterology</i> , <b>2012</b> , 18, 2180-7	5.6	70
263	Aldehyde Dehydrogenase-2 (ALDH2) Ameliorates Chronic Alcohol Ingestion-Induced Hepatic Steatosis and Inflammation. <i>FASEB Journal</i> , <b>2012</b> , 26, 405.8	0.9	
262	A novel neuroprotective curcuminoid alleviates glucose intolerance and improves insulin signaling. <i>FASEB Journal</i> , <b>2012</b> , 26, 672.7	0.9	
261	Adiponectin Deficiency Accentuates High Fat Diet-Induced Cardiac Hypertrophy and Contractile Dysfunction through Regulation of Autophagy. <i>FASEB Journal</i> , <b>2012</b> , 26, 137.10	0.9	
260	Survivin: a novel player in insulin cardioprotection against myocardial ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 50, 16-24	5.8	36
259	Endoplasmic reticulum chaperon tauroursodeoxycholic acid alleviates obesity-induced myocardial contractile dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 50, 107-16	5.8	88
258	Deficiency in AMP-activated protein kinase exaggerates high fat diet-induced cardiac hypertrophy and contractile dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 50, 712-22	5.8	79
257	Cardiac-specific overexpression of metallothionein rescues nicotine-induced cardiac contractile dysfunction and interstitial fibrosis. <i>Toxicology Letters</i> , <b>2011</b> , 202, 8-14	4.4	23
256	Insulin-like growth factor I (IGF-1) deficiency ameliorates sex difference in cardiac contractile function and intracellular Ca <sup>2+</sup> homeostasis. <i>Toxicology Letters</i> , <b>2011</b> , 206, 130-8	4.4	7
255	Akt2 knockout mitigates chronic iNOS inhibition-induced cardiomyocyte atrophy and contractile dysfunction despite persistent insulin resistance. <i>Toxicology Letters</i> , <b>2011</b> , 207, 222-31	4.4	11
254	Homeostasis and compensatory homeostasis: bridging Western medicine and traditional chinese medicine. <i>Current Cardiology Reviews</i> , <b>2011</b> , 7, 43-6	2.4	8
253	Deficiency of insulin-like growth factor 1 reduces vulnerability to chronic alcohol intake-induced cardiomyocyte mechanical dysfunction: role of AMPK. <i>Journal of Cellular and Molecular Medicine</i> , <b>2011</b> , 15, 1737-46	5.6	8
252	ALDH2 in alcoholic heart diseases: molecular mechanism and clinical implications. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 132, 86-95	13.9	104
251	AMP-dependent kinase and autophagic flux are involved in aldehyde dehydrogenase-2-induced protection against cardiac toxicity of ethanol. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 1736-48	7.8	57

250	Thapsigargin triggers cardiac contractile dysfunction via NADPH oxidase-mediated mitochondrial dysfunction: Role of Akt dephosphorylation. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 2172-84	7.8	46
249	Chronic Akt activation accentuates aging-induced cardiac hypertrophy and myocardial contractile dysfunction: role of autophagy. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 1173-91	11.8	150
248	Influence of gestational overfeeding on cardiac morphometry and hypertrophic protein markers in fetal sheep. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 30-7	6.3	25
247	Chromium (D-phenylalanine) <sub>3</sub> alleviates high fat-induced insulin resistance and lipid abnormalities. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 58-62	4.2	20
246	Activation of Akt rescues endoplasmic reticulum stress-impaired murine cardiac contractile function via glycogen synthase kinase-3 $\beta$ -mediated suppression of mitochondrial permeation pore opening. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 2407-24	8.4	62
245	Role of cardiac steatosis and lipotoxicity in obesity cardiomyopathy. <i>Hypertension</i> , <b>2011</b> , 57, 148-50	8.5	37
244	Aldehyde dehydrogenase 2 (ALDH2) rescues myocardial ischaemia/reperfusion injury: role of autophagy paradox and toxic aldehyde. <i>European Heart Journal</i> , <b>2011</b> , 32, 1025-38	9.5	242
243	AMP-activated protein kinase deficiency exacerbates aging-induced myocardial contractile dysfunction. <i>Aging Cell</i> , <b>2010</b> , 9, 592-606	9.9	96
242	Cellular calcium regulatory machinery of vasorelaxation elicited by petasin. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2010</b> , 37, 309-15	3	9
241	Cisplatin compromises myocardial contractile function and mitochondrial ultrastructure: role of endoplasmic reticulum stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2010</b> , 37, 460-5	3	59
240	Alcohol dehydrogenase accentuates ethanol-induced myocardial dysfunction and mitochondrial damage in mice: role of mitochondrial death pathway. <i>PLoS ONE</i> , <b>2010</b> , 5, e8757	3.7	53
239	Interaction between age and obesity on cardiomyocyte contractile function: role of leptin and stress signaling. <i>PLoS ONE</i> , <b>2010</b> , 5, e10085	3.7	28
238	Involvement of AMPK in alcohol dehydrogenase accentuated myocardial dysfunction following acute ethanol challenge in mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e11268	3.7	20
237	Anthrax lethal toxin suppresses murine cardiomyocyte contractile function and intracellular Ca <sup>2+</sup> handling via a NADPH oxidase-dependent mechanism. <i>PLoS ONE</i> , <b>2010</b> , 5, e13335	3.7	25
236	Overnutrition and maternal obesity in sheep pregnancy alter the JNK-IRS-1 signaling cascades and cardiac function in the fetal heart. <i>FASEB Journal</i> , <b>2010</b> , 24, 2066-76	0.9	80
235	Impaired macrophage migration inhibitory factor-AMP-activated protein kinase activation and ischemic recovery in the senescent heart. <i>Circulation</i> , <b>2010</b> , 122, 282-92	16.7	133
234	Maternal obesity induces fibrosis in fetal myocardium of sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E968-75	6	52
233	Autophagy in ALDH2-elicited cardioprotection against ischemic heart disease: slayer or savior?. <i>Autophagy</i> , <b>2010</b> , 6, 1212-3	10.2	37

232	Caloric restriction and heart function: is there a sensible link?. <i>Acta Pharmacologica Sinica</i> , <b>2010</b> , 31, 111-117	117	34
231	Intra-myocardial delivery of mesenchymal stem cells ameliorates left ventricular and cardiomyocyte contractile dysfunction following myocardial infarction. <i>Toxicology Letters</i> , <b>2010</b> , 195, 119-26	4.4	29
230	Sex difference in alcoholism: who is at a greater risk for development of alcoholic complication?. <i>Life Sciences</i> , <b>2010</b> , 87, 133-8	6.8	89
229	Angiotensin-(1-7) ameliorates myocardial remodeling and interstitial fibrosis in spontaneous hypertension: role of MMPs/TIMPs. <i>Toxicology Letters</i> , <b>2010</b> , 199, 173-81	4.4	39
228	Cardiac overexpression of metallothionein rescues cardiac contractile dysfunction and endoplasmic reticulum stress but not autophagy in sepsis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 48, 367-78	5.8	87
227	Aldehyde dehydrogenase 2 knockout accentuates ethanol-induced cardiac depression: role of protein phosphatases. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 49, 322-9	5.8	63
226	Tauroursodeoxycholic acid attenuates lipid accumulation in endoplasmic reticulum-stressed macrophages. <i>Journal of Cardiovascular Pharmacology</i> , <b>2010</b> , 55, 49-55	3.1	17
225	Alcohol and acetaldehyde in public health: from marvel to menace. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 1285-301	4.6	84
224	Mitochondrial biogenesis in the metabolic syndrome and cardiovascular disease. <i>Journal of Molecular Medicine</i> , <b>2010</b> , 88, 993-1001	5.5	253
223	2-(3,4-Dihydro-2H-pyrrolium-1-yl)-3oxoindan-1-olate (DHPO), a novel, synthetic small molecule that alleviates insulin resistance and lipid abnormalities. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 623-31	6	13
222	Cardiac overexpression of insulin-like growth factor 1 attenuates chronic alcohol intake-induced myocardial contractile dysfunction but not hypertrophy: Roles of Akt, mTOR, GSK3beta, and PTEN. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 49, 1238-53	7.8	40
221	Cardiac-specific overexpression of catalase attenuates paraquat-induced myocardial geometric and contractile alteration: role of ER stress. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 49, 2068-77	7.8	33
220	Prevalence of metabolic syndrome, insulin resistance, impaired fasting blood glucose, and dyslipidemia in Uygur and Kazak populations. <i>Journal of Clinical Hypertension</i> , <b>2010</b> , 12, 741-5	2.3	15
219	Akt Plays an Important Role in Lipopolysaccharide-Induced Myocardial Injury and Protection. <i>FASEB Journal</i> , <b>2010</b> , 24, 1036.14	0.9	
218	Cardiac-specific overexpression of catalase prolongs survival and attenuates paraquat-induced myocardial contractile dysfunction. <i>FASEB Journal</i> , <b>2010</b> , 24, 575.3	0.9	
217	Cardiomyocyte contractile dysfunction in the APP <sup>swe</sup> /PS1 <sup>dE9</sup> mouse model of Alzheimer's disease. <i>PLoS ONE</i> , <b>2009</b> , 4, e6033	3.7	21
216	Pharmacotherapy of obesity - benefit, bias and hyperbole. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 1888-97	4.3	21
215	Neuronostatin inhibits cardiac contractile function via a protein kinase A- and JNK-dependent mechanism in murine hearts. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R682-9	3.2	19

214	UCF-101 mitigates streptozotocin-induced cardiomyocyte dysfunction: role of AMPK. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E965-73	6	24
213	Transgenic overexpression of aldehyde dehydrogenase-2 rescues chronic alcohol intake-induced myocardial hypertrophy and contractile dysfunction. <i>Circulation</i> , <b>2009</b> , 119, 1941-9	16.7	165
212	Metallothionein abrogates GTP cyclohydrolase I inhibition-induced cardiac contractile and morphological defects: role of mitochondrial biogenesis. <i>Hypertension</i> , <b>2009</b> , 53, 1023-31	8.5	47
211	Advanced glycation endproduct (AGE) accumulation and AGE receptor (RAGE) up-regulation contribute to the onset of diabetic cardiomyopathy. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 1751-1764	5.6	125
210	Deficiency in TLR4 signal transduction ameliorates cardiac injury and cardiomyocyte contractile dysfunction during ischemia. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 1513-25	5.6	49
209	A newly synthetic chromium complex-chromium (D-phenylalanine) <sub>3</sub> activates AMP-activated protein kinase and stimulates glucose transport. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 1002-10	6	28
208	The protease inhibitor UCF-101 ameliorates streptozotocin-induced mouse cardiomyocyte contractile dysfunction in vitro: role of AMP-activated protein kinase. <i>Experimental Physiology</i> , <b>2009</b> , 94, 984-94	2.4	12
207	Adiponectin improves cardiomyocyte contractile function in db/db diabetic obese mice. <i>Obesity</i> , <b>2009</b> , 17, 262-8	8	42
206	Creatine kinase inhibitor iodoacetamide antagonizes calcium-stimulated inotropy in cardiomyocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2009</b> , 36, 141-5	3	1
205	Overexpression of aldehyde dehydrogenase-2 attenuates chronic alcohol exposure-induced apoptosis, change in Akt and Pim signalling in liver. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2009</b> , 36, 463-8	3	32
204	Making up or breaking up: the tortuous role of platelet-derived growth factor in vascular ageing. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2009</b> , 36, 739-47	3	12
203	Effect of 17beta-oestradiol replacement on vascular responsiveness in ovariectomized diabetic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2009</b> , 36, e65-71	3	11
202	Chromium supplement inhibits skeletal muscle atrophy in hindlimb-suspended mice. <i>Journal of Nutritional Biochemistry</i> , <b>2009</b> , 20, 992-9	6.3	13
201	Aldehyde dehydrogenase-2 (ALDH2) ameliorates chronic alcohol ingestion-induced myocardial insulin resistance and endoplasmic reticulum stress. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 247-55	5.8	62
200	Metallothionein alleviates oxidative stress-induced endoplasmic reticulum stress and myocardial dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 228-37	5.8	84
199	Insulin inhibits leukocyte-endothelium adherence via an Akt-NO-dependent mechanism in myocardial ischemia/reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 512-9	5.8	31
198	Aldehyde dehydrogenase 2 ameliorates acute cardiac toxicity of ethanol: role of protein phosphatase and forkhead transcription factor. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 2187-96	15.1	75
197	Aldehyde dehydrogenase-2 transgene ameliorates chronic alcohol ingestion-induced apoptosis in cerebral cortex. <i>Toxicology Letters</i> , <b>2009</b> , 187, 149-56	4.4	35

196	Acute methamphetamine exposure inhibits cardiac contractile function. <i>Toxicology Letters</i> , <b>2009</b> , 189, 152-8	4.4	25
195	Cardiac health in women with metabolic syndrome: clinical aspects and pathophysiology. <i>Obesity</i> , <b>2009</b> , 17, 1114-23	8	78
194	Cardiac-specific overexpression of insulin-like growth factor I (IGF-1) rescues lipopolysaccharide-induced cardiac dysfunction and activation of stress signaling in murine cardiomyocytes. <i>Shock</i> , <b>2009</b> , 32, 100-7	3.4	35
193	A novel AMPK activator from Chinese herb medicine and ischemia phosphorylate the cardiac transcription factor FOXO3. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , <b>2009</b> , 1, 116-126	3.4	9
192	Chromium alleviates glucose intolerance, insulin resistance, and hepatic ER stress in obese mice. <i>Obesity</i> , <b>2008</b> , 16, 1331-7	8	79
191	High-fat diet-induced obesity leads to resistance to leptin-induced cardiomyocyte contractile response. <i>Obesity</i> , <b>2008</b> , 16, 2417-23	8	30
190	Antioxidant properties of argpyrimidine. <i>European Journal of Pharmacology</i> , <b>2008</b> , 593, 30-5	5.3	13
189	Amidization of doxorubicin alleviates doxorubicin-induced contractile dysfunction and reduced survival in murine cardiomyocytes. <i>Toxicology Letters</i> , <b>2008</b> , 178, 197-201	4.4	7
188	alpha-Zearalanol attenuates oxLDL-induced ET-1 gene expression, ET-1 secretion and redox-sensitive intracellular signaling activation in human umbilical vein endothelial cells. <i>Toxicology Letters</i> , <b>2008</b> , 179, 163-8	4.4	10
187	Cardiac overexpression of alcohol dehydrogenase exacerbates chronic ethanol ingestion-induced myocardial dysfunction and hypertrophy: role of insulin signaling and ER stress. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2008</b> , 44, 992-1001	5.8	91
186	Deficiency of insulin-like growth factor 1 reduces sensitivity to aging-associated cardiomyocyte dysfunction. <i>Rejuvenation Research</i> , <b>2008</b> , 11, 725-33	2.6	53
185	Phytoestrogen alpha-zearalanol inhibits homocysteine-induced endothelin-1 expression and oxidative stress in human umbilical vein endothelial cells. <i>Atherosclerosis</i> , <b>2008</b> , 197, 549-55	3.1	17
184	Mechanisms of alcoholic heart disease. <i>Therapeutic Advances in Cardiovascular Disease</i> , <b>2008</b> , 2, 497-506	3.4	73
183	Wide spectrum of presentation and variable mechanisms of compromised cardiac function in multiple organ dysfunction syndrome. <i>Journal of Organ Dysfunction</i> , <b>2008</b> , 4, 239-248		3
182	IGF-I alleviates diabetes-induced RhoA activation, eNOS uncoupling, and myocardial dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2008</b> , 294, R793-802	3.2	53
181	Hypertrophic cardiomyopathy in high-fat diet-induced obesity: role of suppression of forkhead transcription factor and atrophy gene transcription. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 295, H1206-H1215	5.2	82
180	c-Jun inhibits thapsigargin-induced ER stress through up-regulation of DSCR1/Adapt78. <i>Experimental Biology and Medicine</i> , <b>2008</b> , 233, 1289-300	3.7	27
179	Herbal and traditional Chinese medicine for the treatment of cardiovascular complications in diabetes mellitus. <i>Current Diabetes Reviews</i> , <b>2008</b> , 4, 320-8	2.7	66

178	Chromium (D-phenylalanine) <sub>3</sub> supplementation alters glucose disposal, insulin signaling, and glucose transporter-4 membrane translocation in insulin-resistant mice. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 1846-51	4.1	41
177	Metallothionein alleviates glutathione depletion-induced oxidative cardiomyopathy in murine hearts. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 2106-16	1.4	52
176	Inhibitory effect of dehydrozingerone on vascular smooth muscle cell function. <i>Journal of Cardiovascular Pharmacology</i> , <b>2008</b> , 52, 422-9	3.1	19
175	Insulin inhibits tumor necrosis factor-alpha induction in myocardial ischemia/reperfusion: role of Akt and endothelial nitric oxide synthase phosphorylation. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 1551-8	1.4	96
174	Reactive oxygen species mediate oxidized low-density lipoprotein-induced endothelin-1 gene expression via extracellular signal-regulated kinase in vascular endothelial cells. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 956-63	1.9	18
173	Influence of maternal undernutrition and overfeeding on cardiac ciliary neurotrophic factor receptor and ventricular size in fetal sheep. <i>Journal of Nutritional Biochemistry</i> , <b>2008</b> , 19, 409-14	6.3	37
172	Impaired cardiac function in leptin-deficient mice. <i>Current Hypertension Reports</i> , <b>2008</b> , 10, 448-53	4.7	15
171	The prevalence of type 2 diabetes and hypertension in Uygur and Kazak populations. <i>Cardiovascular Toxicology</i> , <b>2008</b> , 8, 155-9	3.4	22
170	Cardiac nitric oxide synthases are elevated in dietary copper deficiency. <i>Journal of Nutritional Biochemistry</i> , <b>2007</b> , 18, 443-8	6.3	7
169	Dietary interaction of high fat and marginal copper deficiency on cardiac contractile function. <i>Obesity</i> , <b>2007</b> , 15, 1242-57	8	15
168	Chromium (D-phenylalanine) <sub>3</sub> improves obesity-induced cardiac contractile defect in ob/ob mice. <i>Obesity</i> , <b>2007</b> , 15, 2699-711	8	27
167	Interaction between high-fat diet and alcohol dehydrogenase on ethanol-elicited cardiac depression in murine myocytes. <i>Obesity</i> , <b>2007</b> , 15, 2932-41	8	9
166	Cardiac-specific overexpression of catalase prolongs lifespan and attenuates ageing-induced cardiomyocyte contractile dysfunction and protein damage. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2007</b> , 34, 81-7	3	40
165	Influence of gender on oxidative stress, lipid peroxidation, protein damage and apoptosis in hearts and brains from spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2007</b> , 34, 432-8	3	36
164	Influence of cardiac-specific overexpression of insulin-like growth factor 1 on lifespan and aging-associated changes in cardiac intracellular Ca <sup>2+</sup> homeostasis, protein damage and apoptotic protein expression. <i>Aging Cell</i> , <b>2007</b> , 6, 799-806	9.9	62
163	Cardiac overexpression of antioxidant catalase attenuates aging-induced cardiomyocyte relaxation dysfunction. <i>Mechanisms of Ageing and Development</i> , <b>2007</b> , 128, 276-85	5.6	57
162	Impact of insulin-like growth factor-I on migration, proliferation and Akt-ERK signaling in early and late-passages of vascular smooth muscle cells. <i>Cardiovascular Toxicology</i> , <b>2007</b> , 7, 273-81	3.4	10
161	Insulin-like growth factor I deficiency prolongs survival and antagonizes paraquat-induced cardiomyocyte dysfunction: role of oxidative stress. <i>Rejuvenation Research</i> , <b>2007</b> , 10, 501-12	2.6	38

160	Peroxisome proliferator-activated receptor (PPAR) in metabolic syndrome and type 2 diabetes mellitus. <i>Current Diabetes Reviews</i> , <b>2007</b> , 3, 33-9	2.7	130
159	Fitness or fatness--the debate continues for the role of leptin in obesity-associated heart dysfunction. <i>Current Diabetes Reviews</i> , <b>2007</b> , 3, 159-64	2.7	11
158	Swim training sensitizes myocardial response to insulin: role of Akt-dependent eNOS activation. <i>Cardiovascular Research</i> , <b>2007</b> , 75, 369-80	9.9	40
157	Metallothionein prevents high-fat diet induced cardiac contractile dysfunction: role of peroxisome proliferator activated receptor gamma coactivator 1alpha and mitochondrial biogenesis. <i>Diabetes</i> , <b>2007</b> , 56, 2201-12	0.9	115
156	Gene-expression profiles of a hepatitis B small surface antigen-secreting cell line reveal upregulation of lymphoid enhancer-binding factor 1. <i>Journal of General Virology</i> , <b>2007</b> , 88, 2966-2976	4.9	16
155	Cardiac-specific overexpression of insulin-like growth factor 1 attenuates aging-associated cardiac diastolic contractile dysfunction and protein damage. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H1398-403	5.2	76
154	Fidarestat improves cardiomyocyte contractile function in db/db diabetic obese mice through a histone deacetylase Sir2-dependent mechanism. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2138-47	1.9	23
153	Acetaldehyde promotes rapamycin-dependent activation of p70(S6K) and glucose uptake despite inhibition of Akt and mTOR in dopaminergic SH-SY5Y human neuroblastoma cells. <i>Experimental Neurology</i> , <b>2007</b> , 203, 196-204	5.7	13
152	Chronic alcohol consumption alters mammalian target of rapamycin (mTOR), reduces ribosomal p70s6 kinase and p4E-BP1 levels in mouse cerebral cortex. <i>Experimental Neurology</i> , <b>2007</b> , 204, 840-4	5.7	23
151	Advanced glycation endproduct induces ROS accumulation, apoptosis, MAP kinase activation and nuclear O-GlcNAcylation in human cardiac myocytes. <i>Life Sciences</i> , <b>2007</b> , 80, 1051-6	6.8	75
150	Catalase alleviates cardiomyocyte dysfunction in diabetes: role of Akt, Forkhead transcriptional factor and silent information regulator 2. <i>Life Sciences</i> , <b>2007</b> , 81, 895-905	6.8	41
149	Ca <sup>2+</sup> /calmodulin-dependent protein kinase kinase is involved in AMP-activated protein kinase activation by alpha-lipoic acid in C2C12 myotubes. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 293, C1395-403	5.4	83
148	Assessment of protein glycooxidation in ventricular tissues. <i>Methods in Molecular Medicine</i> , <b>2007</b> , 139, 313-28		
147	Ca <sup>2+</sup> /calmodulin-dependent protein kinase kinases are mainly responsible for AMP-activated protein kinase activation by lipoic acid in C2C12 myotubes. <i>FASEB Journal</i> , <b>2007</b> , 21, A1204	0.9	
146	Mechanical measurement of contractile function of isolated ventricular myocytes. <i>Methods in Molecular Medicine</i> , <b>2007</b> , 139, 263-70		11
145	Rat models of cardiac insulin resistance. <i>Methods in Molecular Medicine</i> , <b>2007</b> , 139, 113-43		1
144	Acetaldehyde and alcoholic cardiomyopathy: lessons from the ADH and ALDH2 transgenic models. <i>Novartis Foundation Symposium</i> , <b>2007</b> , 285, 69-76; discussion 76-9, 198-9		26
143	Metallothionein alleviates cardiac dysfunction in streptozotocin-induced diabetes: role of Ca <sup>2+</sup> cycling proteins, NADPH oxidase, poly(ADP-Ribose) polymerase and myosin heavy chain isozyme. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 40, 1419-29	7.8	80



142	Biodegradable cationic polyester as an efficient carrier for gene delivery to neonatal cardiomyocytes. <i>Biotechnology and Bioengineering</i> , <b>2006</b> , 95, 893-903	4.9	28
141	Intracerebral hemorrhage elicits aberration in cardiomyocyte contractile function and intracellular Ca <sup>2+</sup> transients. <i>Stroke</i> , <b>2006</b> , 37, 1875-82	6.7	11
140	Cardiac overexpression of metallothionein rescues chronic alcohol intake-induced cardiomyocyte dysfunction: role of Akt, mammalian target of rapamycin and ribosomal p70s6 kinase. <i>Alcohol and Alcoholism</i> , <b>2006</b> , 41, 585-92	3.5	23
139	Leptin regulates cardiomyocyte contractile function through endothelin-1 receptor-NADPH oxidase pathway. <i>Hypertension</i> , <b>2006</b> , 47, 222-9	8.5	100
138	Metallothionein prolongs survival and antagonizes senescence-associated cardiomyocyte diastolic dysfunction: role of oxidative stress. <i>FASEB Journal</i> , <b>2006</b> , 20, 1024-6	0.9	122
137	Curcumin inhibits platelet-derived growth factor-stimulated vascular smooth muscle cell function and injury-induced neointima formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 85-90	9.4	120
136	High-dose benfotiamine rescues cardiomyocyte contractile dysfunction in streptozotocin-induced diabetes mellitus. <i>Journal of Applied Physiology</i> , <b>2006</b> , 100, 150-6	3.7	53
135	Characterization of cardiomyocyte excitation-contraction coupling in the FVB/N-C57BL/6 intercrossed "chocolate" brown mice. <i>Life Sciences</i> , <b>2006</b> , 80, 187-92	6.8	2
134	Benfotiamine alleviates diabetes-induced cerebral oxidative damage independent of advanced glycation end-product, tissue factor and TNF-alpha. <i>Neuroscience Letters</i> , <b>2006</b> , 394, 158-62	3.3	48
133	Attenuation of acetaldehyde-induced cell injury by overexpression of aldehyde dehydrogenase-2 (ALDH2) transgene in human cardiac myocytes: role of MAP kinase signaling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2006</b> , 40, 283-94	5.8	82
132	Leptin-induced suppression of cardiomyocyte contraction is amplified by ceramide. <i>Peptides</i> , <b>2006</b> , 27, 1415-9	3.8	10
131	A burning issue: do sepsis and systemic inflammatory response syndrome (SIRS) directly contribute to cardiac dysfunction?. <i>Frontiers in Bioscience - Landmark</i> , <b>2006</b> , 11, 15-22	2.8	49
130	Intermedin (adrenomedullin-2) enhances cardiac contractile function via a protein kinase C- and protein kinase A-dependent pathway in murine ventricular myocytes. <i>Journal of Applied Physiology</i> , <b>2006</b> , 101, 778-84	3.7	47
129	High-fat diet-induced juvenile obesity leads to cardiomyocyte dysfunction and upregulation of Foxo3a transcription factor independent of lipotoxicity and apoptosis. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 549-61	1.9	105
128	Sex difference in cardiomyocyte function in normal and metallothionein transgenic mice: the effect of diabetes mellitus. <i>Journal of Applied Physiology</i> , <b>2006</b> , 100, 1638-46	3.7	23
127	Gender disparity of streptozotocin-induced intrinsic contractile dysfunction in murine ventricular myocytes: role of chronic activation of Akt. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2006</b> , 33, 102-8	3	24
126	Metallothionein antagonizes aging-induced cardiac contractile dysfunction: role of PTP1B, insulin receptor tyrosine phosphorylation and Akt. <i>Aging Cell</i> , <b>2006</b> , 5, 177-85	9.9	39
125	Cardiac overexpression of alcohol dehydrogenase (ADH) alleviates aging-associated cardiomyocyte contractile dysfunction: role of intracellular Ca <sup>2+</sup> cycling proteins. <i>Aging Cell</i> , <b>2006</b> , 5, 259-65	9.9	21

124	Paradoxical effects of ginkgolide B on cardiomyocyte contractile function in normal and high-glucose environments. <i>Acta Pharmacologica Sinica</i> , <b>2006</b> , 27, 536-42	8	6
123	Highly stable core-surface-crosslinked nanoparticles as cisplatin carriers for cancer chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2006</b> , 48, 50-7	6	62
122	Insulin-sensitizing and cholesterol-lowering effects of chromium (D-Phenylalanine) <sub>3</sub> . <i>Journal of Inorganic Biochemistry</i> , <b>2006</b> , 100, 1187-93	4.2	49
121	Phytoestrogen alpha-zearalanol antagonizes homocysteine-induced imbalance of nitric oxide/endothelin-1 and apoptosis in human umbilical vein endothelial cells. <i>Cell Biochemistry and Biophysics</i> , <b>2006</b> , 45, 137-45	3.2	15
120	Cardiac overexpression of metallothionein attenuates chronic alcohol intake-induced cardiomyocyte contractile dysfunction. <i>Cardiovascular Toxicology</i> , <b>2006</b> , 6, 173-82	3.4	18
119	Therapeutic efficacy of selegiline in neurodegenerative disorders and neurological diseases. <i>Current Drug Targets</i> , <b>2006</b> , 7, 1513-29	3	45
118	Inhibition of PI-3 kinase/Akt/mTOR, but not calcineurin signaling, reverses insulin-like growth factor I-induced protection against glucose toxicity in cardiomyocyte contractile function. <i>Journal of Endocrinology</i> , <b>2005</b> , 186, 491-503	4.7	26
117	Big endothelin-1 via p38-MAPK-dependent mechanism regulates adult rat ventricular myocyte contractility in sepsis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2005</b> , 1741, 127-39	6.9	13
116	Maternal nutrient restriction during early to mid gestation up-regulates cardiac insulin-like growth factor (IGF) receptors associated with enlarged ventricular size in fetal sheep. <i>Growth Hormone and IGF Research</i> , <b>2005</b> , 15, 291-9	2	46
115	Interaction between tumor necrosis factor-alpha and leptin-induced inhibition of cardiac contractile function in isolated ventricular myocytes. <i>Cytokine</i> , <b>2005</b> , 32, 213-8	4	8
114	High dietary fat induces NADPH oxidase-associated oxidative stress and inflammation in rat cerebral cortex. <i>Experimental Neurology</i> , <b>2005</b> , 191, 318-25	5.7	211
113	A newly synthetic chromium complex--chromium(phenylalanine) <sub>3</sub> improves insulin responsiveness and reduces whole body glucose tolerance. <i>FEBS Letters</i> , <b>2005</b> , 579, 1458-64	3.8	72
112	Endothelin-converting enzyme-1-mediated signaling in adult rat ventricular myocyte contractility and apoptosis during sepsis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2005</b> , 38, 527-37	5.8	15
111	Impaired SERCA function contributes to cardiomyocyte dysfunction in insulin resistant rats. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2005</b> , 39, 297-307	5.8	92
110	Cardiac overexpression of catalase antagonizes ADH-associated contractile depression and stress signaling after acute ethanol exposure in murine myocytes. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 2246-54	3.7	14
109	Dietary iron deficiency induces ventricular dilation, mitochondrial ultrastructural aberrations and cytochrome c release: involvement of nitric oxide synthase and protein tyrosine nitration. <i>Clinical Science</i> , <b>2005</b> , 109, 277-86	6.5	107
108	Oxidative stress and stress signaling: menace of diabetic cardiomyopathy. <i>Acta Pharmacologica Sinica</i> , <b>2005</b> , 26, 908-17	8	141
107	Inhibition of sarco(endo)plasmic reticulum Ca <sup>2+</sup> -ATPase differentially regulates contractile function in cardiac myocytes from normotensive and spontaneously hypertensive rats: role of Ca <sup>2+</sup> regulatory proteins. <i>Cell Biochemistry and Biophysics</i> , <b>2005</b> , 42, 1-12	3.2	26

106	Possible involvement of NADPH oxidase and JNK in homocysteine-induced oxidative stress and apoptosis in human umbilical vein endothelial cells. <i>Cardiovascular Toxicology</i> , <b>2005</b> , 5, 9-20	3.4	38
105	Views from within and beyond: narratives of cardiac contractile dysfunction under senescence. <i>Endocrine</i> , <b>2005</b> , 26, 127-37		38
104	Cardiovascular alteration and treatment of hypertension: do men and women differ?. <i>Endocrine</i> , <b>2005</b> , 28, 199-207		24
103	Aging induces cardiac diastolic dysfunction, oxidative stress, accumulation of advanced glycation endproducts and protein modification. <i>Aging Cell</i> , <b>2005</b> , 4, 57-64	9.9	105
102	Endothelin-1 enhances oxidative stress, cell proliferation and reduces apoptosis in human umbilical vein endothelial cells: role of ETB receptor, NADPH oxidase and caveolin-1. <i>British Journal of Pharmacology</i> , <b>2005</b> , 145, 323-33	8.6	144
101	Lessons from the leptin paradox in cardiac regulation--too much versus too little. <i>Journal of Physiology</i> , <b>2005</b> , 565, 347	3.9	7
100	Small guanine nucleotide-binding protein Rho and myocardial function. <i>Acta Pharmacologica Sinica</i> , <b>2005</b> , 26, 279-85	8	20
99	Doxorubicin induces cardiomyocyte dysfunction via a p38 MAP kinase-dependent oxidative stress mechanism. <i>Cancer Detection and Prevention</i> , <b>2005</b> , 29, 294-9		44
98	The emerging role of coenzyme Q-10 in aging, neurodegeneration, cardiovascular disease, cancer and diabetes mellitus. <i>Current Neurovascular Research</i> , <b>2005</b> , 2, 447-59	1.8	69
97	Increased contractility of cardiomyocytes from copper-deficient rats is associated with upregulation of cardiac IGF-I receptor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H78-84	5.2	6
96	Korean anti-inflammatory compound allergina enhances cardiac contractile function in isolated ventricular cardiomyocytes. <i>Journal of Alternative and Complementary Medicine</i> , <b>2004</b> , 10, 514-8	2.4	1
95	Overexpression of aldehyde dehydrogenase-2 (ALDH2) transgene prevents acetaldehyde-induced cell injury in human umbilical vein endothelial cells: role of ERK and p38 mitogen-activated protein kinase. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 11244-52	5.4	95
94	Acetaldehyde-induced cardiac contractile dysfunction may be alleviated by vitamin B1 but not by vitamins B6 or B12. <i>Alcohol and Alcoholism</i> , <b>2004</b> , 39, 450-4	3.5	25
93	Impact of gender on basal and insulin-like growth factor I-regulated nitric oxide synthase activity in adult rat left ventricular myocytes. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2004</b> , 138, 141-6	2.6	7
92	Inhibition of cardiac myocyte contraction by 4-hydroxy-trans-2-nonenal. <i>Cardiovascular Toxicology</i> , <b>2004</b> , 4, 21-8	3.4	17
91	The oxygen radical generator pyrogallol impairs cardiomyocyte contractile function via a superoxide and p38 MAP kinase-dependent pathway: protection by anisodamine and tetramethylpyrazine. <i>Cardiovascular Toxicology</i> , <b>2004</b> , 4, 375-84	3.4	25
90	Comparison of cardiac contractile and intracellular Ca <sup>2+</sup> response between estrogen and phytoestrogen alpha-zearalanol in ventricular myocytes. <i>Endocrine</i> , <b>2004</b> , 24, 33-8		8
89	Diabetic cardiomyopathy: do women differ from men?. <i>Endocrine</i> , <b>2004</b> , 25, 73-83		66

88	Alpha-Zearalanol, a phytoestrogen for cardiovascular therapy. <i>Endocrine</i> , <b>2004</b> , 25, 117-9		13
87	Phytoestrogen alpha-zearalanol inhibits atherogenesis and improves lipid profile in ovariectomized cholesterol-fed rabbits. <i>Endocrine</i> , <b>2004</b> , 25, 121-9		24
86	Phytoestrogen alpha-zearalanol antagonizes oxidized LDL-induced inhibition of nitric oxide production and stimulation of endothelin-1 release in human umbilical vein endothelial cells. <i>Endocrine</i> , <b>2004</b> , 25, 235-45		16
85	Diabetic cardiomyocyte dysfunction and myocyte insulin resistance: role of glucose-induced PKC activity. <i>Molecular and Cellular Biochemistry</i> , <b>2004</b> , 262, 155-63	4.2	56
84	Calcium-antagonizing activity of S-petasin, a hypotensive sesquiterpene from <i>Petasites formosanus</i> , on inotropic and chronotropic responses in isolated rat atria and cardiac myocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 369, 322-9	3.4	9
83	Ethanol and acetaldehyde in alcoholic cardiomyopathy: from bad to ugly en route to oxidative stress. <i>Alcohol</i> , <b>2004</b> , 32, 175-86	2.7	101
82	Phytoestrogenic isoflavones daidzein and genistein reduce glucose-toxicity-induced cardiac contractile dysfunction in ventricular myocytes. <i>Endocrine Research</i> , <b>2004</b> , 30, 215-23	1.9	26
81	Enhanced stability of core-surface cross-linked micelles fabricated from amphiphilic brush copolymers. <i>Biomacromolecules</i> , <b>2004</b> , 5, 1736-44	6.9	132
80	Streptozotocin directly impairs cardiac contractile function in isolated ventricular myocytes via a p38 map kinase-dependent oxidative stress mechanism. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 318, 1066-71	3.4	71
79	Depressed contractile function and adrenergic responsiveness of cardiac myocytes in an experimental model of Parkinson disease, the MPTP-treated mouse. <i>Neurobiology of Aging</i> , <b>2004</b> , 25, 131-8	5.6	24
78	Sucrose-induced cardiomyocyte dysfunction is both preventable and reversible with clinically relevant treatments. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E718-24 <sup>6</sup>		48
77	Adenovirus gene transfer of recombinant endothelial nitric oxide synthase enhances contractile function in ventricular myocytes. <i>Journal of Cardiovascular Pharmacology</i> , <b>2004</b> , 43, 171-7	3.1	12
76	Iso-S-petasin, a hypotensive sesquiterpene from <i>Petasites formosanus</i> , depresses cardiac contraction and intracellular Ca <sup>2+</sup> transients in adult rat ventricular myocytes. <i>Journal of Pharmacy and Pharmacology</i> , <b>2003</b> , 55, 103-7	4.8	12
75	High glucose induces cardiac insulin-like growth factor I resistance in ventricular myocytes: role of Akt and ERK activation. <i>Cardiovascular Research</i> , <b>2003</b> , 57, 738-48	9.9	36
74	Impaired cardiac function and IGF-I response in myocytes from calmodulin-diabetic mice: role of Akt and RhoA. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E366-76	6	48
73	Influence of gender on intrinsic contractile properties of isolated ventricular myocytes from calmodulin-induced diabetic transgenic mice. <i>Endocrine Research</i> , <b>2003</b> , 29, 227-36	1.9	22
72	Influence of hypertension on cardiac contractile response of human erythrocyte-derived depressing factor in ventricular myocytes. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 1183-90	1.9	5
71	Japanese herbal medicine Toki-shakuyaku-san (TJ-23) enhances cardiac contractile function in isolated ventricular cardiomyocytes. <i>Journal of Pharmacological Sciences</i> , <b>2003</b> , 91, 197-201	3.7	3

70	Impact of estrogen replacement on ventricular myocyte contractile function and protein kinase B/Akt activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H1800-7	5.2	65
69	Experimental Assessment of the Role of Acetaldehyde in Alcoholic Cardiomyopathy. <i>Biological Procedures Online</i> , <b>2003</b> , 5, 1-12	8.3	17
68	Influence of gender on ethanol-induced ventricular myocyte contractile depression in transgenic mice with cardiac overexpression of alcohol dehydrogenase. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2003</b> , 134, 607-14	2.6	25
67	Combined acetaldehyde and nicotine exposure depresses cardiac contraction in ventricular myocytes: prevention by folic acid. <i>Neurotoxicology and Teratology</i> , <b>2003</b> , 25, 731-6	3.9	20
66	Tetramethylpyrazine elicits disparate responses in cardiac contraction and intracellular Ca(2+) transients in isolated adult rat ventricular myocytes. <i>Vascular Pharmacology</i> , <b>2003</b> , 40, 213-7	5.9	34
65	Short-Term Acetaldehyde Exposure Depresses Ventricular Myocyte Contraction: Role of Cytochrome P450 Oxidase, Xanthine Oxidase, and Lipid Peroxidation. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2003</b> , 27, 577-583	3.7	33
64	Malondialdehyde inhibits cardiac contractile function in ventricular myocytes via a p38 mitogen-activated protein kinase-dependent mechanism. <i>British Journal of Pharmacology</i> , <b>2003</b> , 139, 1310-6	8.6	35
63	Acute exposure of ceramide enhances cardiac contractile function in isolated ventricular myocytes. <i>British Journal of Pharmacology</i> , <b>2003</b> , 140, 1163-8	8.6	20
62	Cardiac overexpression of alcohol dehydrogenase exacerbates cardiac contractile dysfunction, lipid peroxidation, and protein damage after chronic ethanol ingestion. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2003</b> , 27, 1090-8	3.7	58
61	Increases in insulin-like growth factor-1 level and peroxidative damage after gestational ethanol exposure in rats. <i>Pharmacological Research</i> , <b>2003</b> , 47, 341-7	10.2	22
60	Benefit and risk of exercise on myocardial function in diabetes. <i>Pharmacological Research</i> , <b>2003</b> , 48, 127-32	3.2	31
59	Insulin-like growth factors (IGFs) and IGF-binding proteins in nephrotic syndrome children on glucocorticoid. <i>Pharmacological Research</i> , <b>2003</b> , 48, 319-23	10.2	25
58	Cardiac-specific overexpression of catalase rescues ventricular myocytes from ethanol-induced cardiac contractile defect. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2003</b> , 35, 645-52	5.8	59
57	Insulin-like growth factor-1 protects human dopaminergic SH-SY5Y cells from salsolinol-induced toxicity. <i>Neuroscience Letters</i> , <b>2003</b> , 340, 79-82	3.3	28
56	AT1 blockade prevents glucose-induced cardiac dysfunction in ventricular myocytes: role of the AT1 receptor and NADPH oxidase. <i>Hypertension</i> , <b>2003</b> , 42, 206-12	8.5	208
55	Metallothionein prevents diabetes-induced deficits in cardiomyocytes by inhibiting reactive oxygen species production. <i>Diabetes</i> , <b>2003</b> , 52, 777-83	0.9	162
54	Short-term acetaldehyde exposure depresses ventricular myocyte contraction: role of cytochrome P450 oxidase, xanthine oxidase, and lipid peroxidation. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2003</b> , 27, 577-83	3.7	14
53	Paradoxical effects of pyruvate on cardiac contractile function under normal and high glucose in ventricular myocytes. <i>Pharmacological Research</i> , <b>2003</b> , 48, 25-9	10.2	5

52	IGF-I attenuates diabetes-induced cardiac contractile dysfunction in ventricular myocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 283, E658-66	6	78
51	Overexpression of alcohol dehydrogenase exacerbates ethanol-induced contractile defect in cardiac myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 282, H1216-22	5.2	56
50	Anisodamine inhibits cardiac contraction and intracellular Ca(2+) transients in isolated adult rat ventricular myocytes. <i>European Journal of Pharmacology</i> , <b>2002</b> , 439, 21-5	5.3	11
49	Dietary Mg(2+) supplementation restores impaired vasoactive responses in isolated rat aorta induced by chronic ethanol consumption. <i>European Journal of Pharmacology</i> , <b>2002</b> , 442, 241-50	5.3	14
48	Ca2+ channel blocking effect of iso-S-petasin in rat aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2002</b> , 445, 239-45	5.3	23
47	Comparison of cardiac excitation-contraction coupling in isolated ventricular myocytes between rat and mouse. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2002</b> , 133, 191-8	2.6	10
46	alpha2-Heremans Schmid glycoprotein, a putative inhibitor of tyrosine kinase, prevents glucose toxicity associated with cardiomyocyte dysfunction. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2002</b> , 18, 305-10	7.5	19
45	Influence of prenatal ethanol exposure on vascular contractile response in rat thoracic aorta. <i>Alcohol</i> , <b>2002</b> , 26, 75-81	2.7	28
44	Influence of genetically predisposed diabetes on ethanol-induced depression of cardiac contraction in adult rat ventricular myocytes. <i>Experimental Physiology</i> , <b>2002</b> , 87, 293-8	2.4	3
43	Norepinephrine regulates the in vivo expression of the L-type calcium channel. <i>Molecular and Cellular Biochemistry</i> , <b>2002</b> , 236, 107-14	4.2	13
42	Abrogated leptin-induced cardiac contractile response in ventricular myocytes under spontaneous hypertension: role of Jak/STAT pathway. <i>Hypertension</i> , <b>2002</b> , 39, 69-74	8.5	86
41	Influence of prenatal alcohol exposure on myocardial contractile function in adult rat hearts: role of intracellular calcium and apoptosis. <i>Alcohol and Alcoholism</i> , <b>2002</b> , 37, 30-7	3.5	39
40	Nitric oxide synthase gene therapy for cardiovascular disease. <i>The Japanese Journal of Pharmacology</i> , <b>2002</b> , 89, 327-36		33
39	Sepsis-induced depressed contractile function of isolated ventricular myocytes is due to altered calcium transient properties. <i>Shock</i> , <b>2002</b> , 18, 285-8	3.4	54
38	Influence of hypertension on tetrahydropapaveroline-induced vasorelaxation in rat thoracic aorta. <i>Endocrine Research</i> , <b>2002</b> , 28, 19-26	1.9	1
37	Influence of hypertension on acetaldehyde-induced vasorelaxation in rat thoracic aorta. <i>Pharmacological Research</i> , <b>2002</b> , 45, 195-9	10.2	13
36	Impaired cardiac excitation-contraction coupling in ventricular myocytes from Ames dwarf mice with IGF-I deficiency. <i>Growth Hormone and IGF Research</i> , <b>2002</b> , 12, 99-105	2	28
35	Short-term administration of insulin-like growth factor I (IGF-1) does not induce myocardial IGF-1 resistance. <i>Growth Hormone and IGF Research</i> , <b>2002</b> , 12, 162-8	2	9

34	Prediabetic insulin resistance is not permissive to the development of cardiac resistance to insulin-like growth factor I in ventricular myocytes. <i>Diabetes Research and Clinical Practice</i> , <b>2002</b> , 55, 89-98 <sup>4</sup>	7.4	22
33	Ceramide attenuates high glucose-induced cardiac contractile abnormalities in cultured adult rat ventricular myocytes. <i>Cellular and Molecular Biology</i> , <b>2002</b> , 48 Online Pub, OL251-7	1.1	5
32	Detection of circulating CEA molecules in human sera and leukopheresis of peripheral blood stem cells with E. coli expressed bispecific CEAScFv-streptavidin fusion protein-based immuno-PCR technique. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 945, 116-8	6.5	9
31	Influence of ovariectomy on ventricular myocyte contraction in simulated diabetes. <i>Journal of Biomedical Science</i> , <b>2001</b> , 8, 307-13	13.3	9
30	The influence of gender, diabetes, and acetaldehyde on the intrinsic contractile properties of isolated rat myocardium. <i>Cardiovascular Toxicology</i> , <b>2001</b> , 1, 35-42	3.4	22
29	Prenatal ethanol exposure alters ventricular myocyte contractile function in the offspring of rats: influence of maternal Mg <sup>2+</sup> supplementation. <i>Cardiovascular Toxicology</i> , <b>2001</b> , 1, 215-24	3.4	11
28	Measurement of Cardiac Mechanical Function in Isolated Ventricular Myocytes from Rats and Mice by Computerized Video-Based Imaging. <i>Biological Procedures Online</i> , <b>2001</b> , 3, 43-53	8.3	59
27	Ginsenosides Rb1 and Re decrease cardiac contraction in adult rat ventricular myocytes: role of nitric oxide. <i>British Journal of Pharmacology</i> , <b>2001</b> , 134, 1159-65	8.6	85
26	Influence of ATP-sensitive K <sup>+</sup> channel modulation on the mechanical properties of diabetic myocardium. <i>Endocrine Research</i> , <b>2001</b> , 27, 269-81	1.9	5
25	Characterization of contractile function in diabetic hypertensive cardiomyopathy in adult rat ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2001</b> , 33, 1719-26	5.8	41
24	Influence of gender and diabetes on vascular and myocardial contractile function. <i>Endocrine Research</i> , <b>2001</b> , 27, 399-408	1.9	27
23	In vivo regulation of Na/Ca exchanger expression by adrenergic effectors. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H1376-82	5.2	25
22	Detection of circulating gastric carcinoma-associated antigen MG7-Ag in human sera using an established single determinant immuno-polymerase chain reaction technique. <i>Cancer</i> , <b>2000</b> , 88, 280-285 <sup>6.4</sup>	6.4	57
21	Diminished cardiac contractile response to tetrahydropapaveroline in hypertension: role of beta-adrenoceptors and intracellular Ca <sup>2+</sup> . <i>Alcohol</i> , <b>2000</b> , 21, 149-59	2.7	3
20	Basal and ethanol-induced cardiac contractile response in lean and obese Zucker rat hearts. <i>Journal of Biomedical Science</i> , <b>2000</b> , 7, 390-400	13.3	9
19	Influence of chronic alcohol ingestion on acetaldehyde-induced depression of rat cardiac contractile function. <i>Alcohol and Alcoholism</i> , <b>2000</b> , 35, 554-60	3.5	35
18	Altered cardiac excitation-contraction coupling in ventricular myocytes from spontaneously diabetic BB rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H238-44	5.2	50
17	Reduced contractile response to insulin and IGF-I in ventricular myocytes from genetically obese Zucker rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H1708-14	5.2	87

16	Leptin attenuates cardiac contraction in rat ventricular myocytes. Role of NO. <i>Hypertension</i> , <b>2000</b> , 36, 501-5	8.5	157
15	Diabetes enhances acetaldehyde-induced depression of cardiac myocyte contraction. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 269, 697-703	3.4	11
14	Adrenergic stimulation regulates Na(+)/Ca(2+)Exchanger expression in rat cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2000</b> , 32, 611-20	5.8	34
13	Detection of circulating gastric carcinoma-associated antigen MG7-Ag in human sera using an established single determinant immuno-polymerase chain reaction technique <b>2000</b> , 88, 280		3
12	Influence of age on contractile response to insulin-like growth factor 1 in ventricular myocytes from spontaneously hypertensive rats. <i>Hypertension</i> , <b>1999</b> , 34, 1215-22	8.5	31
11	Influence of age on inotropic response to insulin and insulin-like growth factor I in spontaneously hypertensive rats: role of nitric oxide. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , <b>1999</b> , 221, 46-52		19
10	Augmentation of the inotropic response to insulin in diabetic rat hearts. <i>Life Sciences</i> , <b>1999</b> , 65, 369-80	6.8	18
9	Insulin-like growth factor I as a cardiac hormone: physiological and pathophysiological implications in heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1999</b> , 31, 2049-61	5.8	248
8	Hypertension augments ethanol-induced depression of cell shortening and intracellular Ca(2+) transients in adult rat ventricular myocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 261, 202-8	3.4	6
7	Dietary Magnesium Supplementation Attenuates Ethanol-Induced Myocardial Dysfunction. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1998</b> , 22, 2062-2072	3.7	19
6	Altered inotropic response to IGF-I in diabetic rat heart: influence of intracellular Ca <sup>2+</sup> and NO. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1998</b> , 275, H823-30	5.2	20
5	Dietary Magnesium Supplementation Attenuates Ethanol-Induced Myocardial Dysfunction <b>1998</b> , 22, 2062		2
4	High extracellular glucose impairs cardiac E-C coupling in a glycosylation-dependent manner. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1997</b> , 273, H2876-83	5.2	57
3	A Review on the Antioxidative and Prooxidative Properties of Luteolin		5
2	RBM20 phosphorylation on serine/arginine domain is crucial to regulate pre-mRNA splicing and protein shuttling in the heart		1
1	Reactive oxygen species in cardiovascular diseases: an update. <i>Exploration of Medicine</i> , 188-204	1.1	