

January 01, 2019	<a href="#">Three-dimensional myocardial strain correlates with murine left ventricular remodelling severity post-infarction</a>	Heart failure continues to be a common and deadly sequela of myocardial infarction (MI).
July 01, 2019	<a href="#">Accuracy of Ultrasound-Guided versus Landmark-Guided Intra-articular Injection for Rat Knee Joints</a>	Abstract—Our aim was to test the effectiveness of ultrasound-guided intra-articular (IA) injection into the knee joint of rodents by an inexperienced
July 01, 2019	<a href="#">Mitochondrial transplantation ameliorates acute limb ischemia</a>	Objective: Acute limb ischemia (ALI), the most challenging form of ischemia-reperfusion injury (IRI) in skeletal muscle tissue, leads to decreased ske
June 01, 2019	<a href="#">PM2.5-induced ADRB2 hypermethylation contributed to cardiac dysfunction through cardiomyocytes apoptosis via PI3K/Akt pathway</a>	Background: Long-term exposure to fine particulate matter (PM2.5) can causally contribute to progression of atherosclerosis, risk of ischemic heart di
April 22, 2019	<a href="#">Strain Mapping From Four-Dimensional Ultrasound Reveals Complex Remodeling in Dissecting Murine Abdominal Aortic Aneurysms</a>	Current in vivo abdominal aortic aneurysm (AAA) imaging approaches tend to focus on maximum diameter but do not measure three-dimensional (3D) vascula
February 01, 2019	<a href="#">Deficiency of IL12p40 (Interleukin 12 p40) Promotes Ang II (Angiotensin II)–Induced Abdominal Aortic Aneurysm</a>	Objective—Abdominal aortic aneurysm is caused by the accumulation of inflammatory cells in the aortic wall.
January 01, 2019	<a href="#">PKG1-modified TSC2 regulates mTORC1 activity to counter adverse cardiac stress</a>	The mechanistic target of rapamycin complex-1 (mTORC1) coordinates regulation of growth, metabolism, protein synthesis and autophagy <sup>1</sup> .
January 01, 2018	<a href="#">Optimal range of injection rates for a lymphatic drug delivery system</a>	The lymphatic drug delivery system (LDDS) is a new technique that permits the injection of drugs into a sentinel lymph node (SLN) at an early stage of
January 01, 2018	<a href="#">Multitarget Effects of Danqi Pill on Global Gene Expression Changes in Myocardial Ischemia</a>	Danqi pill (DQP) is a widely prescribed traditional Chinese medicine (TCM) in the treatment of cardiovascular diseases.

January 01, 2018	<a href="#">Comparative determination of placental perfusion by magnetic resonance imaging and contrast-enhanced ultrasound in a murine model of intrauterine growth restriction</a>	Introduction: Exploration of placental perfusion is essential in screening for dysfunctions impairing fetal growth.
January 01, 2018	<a href="#">Immune response mediates cardiac dysfunction after traumatic brain injury</a>	Cardiovascular complications are common after TBI and are associated with increased morbidity and mortality.
January 01, 2018	<a href="#">A preclinical ultrasound method for the assessment of vascular disease progression in murine models</a>	Introduction: The efficacy of preclinical ultrasound at providing a quantitative assessment of mouse models of vascular disease is relatively unknown.
January 01, 2018	<a href="#">Size-dependent Tumor Response to Photodynamic Therapy and Irinotecan Monotherapies Revealed by Longitudinal Ultrasound Monitoring in an Orthotopic Pancreatic Cancer Model</a>	Longitudinal monitoring of tumor size in vivo can provide important biological information about disease progression and treatment efficacy that is no
February 01, 2017	<a href="#">Endothelial Nox4-based NADPH oxidase regulates atherosclerosis via soluble epoxide hydrolase</a>	Nox4-based NADPH oxidase is a major reactive oxygen species-generating enzyme in the vasculature, but its role in atherosclerosis remains controversia
January 01, 2016	<a href="#">Association of serum HMGB2 level with MACE at 1 mo of myocardial infarction: Aggravation of myocardial ischemic injury in rats by HMGB2 via ROS</a>	High-mobility group box (HMGB) family is related to inflammatory diseases.
January 01, 2016	<a href="#">Stretching reduces skin thickness and improves subcutaneous tissue mobility in a murine model of systemic sclerosis</a>	OBJECTIVE Although physical therapy can help preserve mobility in patients with systemic sclerosis (SSc), stretching has not been used systematically
January 01, 2016	<a href="#">Decreased WNT/<math>\beta</math>-catenin signalling contributes to the pathogenesis of dilated cardiomyopathy caused by mutations in the lamin a/C gene</a>	Cardiomyopathy caused by lamin A/C gene (LMNA) mutations (hereafter referred as LMNA cardiomyopathy) is characterized by cardiac conduction abnormalit
January 01, 2016	<a href="#">Astragalus Granule Prevents Ca<sup>2+</sup> Current Remodeling in Heart Failure by the Downregulation of CaMKII</a>	Background. Astragalus was broadly used for treating heart failure (HF) and arrhythmias in East Asia for thousands of years.

January 01, 2016	<a href="#">MicroRNA-378 enhances radiation response in ectopic and orthotopic implantation models of glioblastoma</a>	Glioblastoma multiforme (GBM) is the most common and highly malignant primary brain tumor, which is virtually incurable due to its therapeutic resista
January 01, 2016	<a href="#">A New Murine Model of Chronic Kidney Disease-Mineral and Bone Disorder</a>	Chronic kidney disease (CKD) is associated with mineral and bone disorder (MBD), which is the main cause of the extensively increased cardiovascular m
January 01, 2016	<a href="#">Effects of Total Flavone from Rhododendron simsii Planch. Flower on Postischemic Cardiac Dysfunction and Cardiac Remodeling in Rats</a>	This study investigated the effect of total flavone from Rhododendron simsii Planch.
January 01, 2016	<a href="#">Activation of E-prostanoid 3 receptor in macrophages facilitates cardiac healing after myocardial infarction</a>	Two distinct monocyte (Mo)/macrophage (Mp) subsets (Ly6Clow and Ly6Chigh) orchestrate cardiac recovery process following myocardial infarction (MI).
November 01, 2016	<a href="#">Local checkpoint inhibition of CTLA-4 as a monotherapy or in combination with anti-PD1 prevents the growth of murine bladder cancer</a>	ABSTRACT Checkpoint blockade of CTLA-4 results in long-lasting survival benefits in metastatic cancer patients.
January 01, 2014	<a href="#">Evaluation of utero-placental and fetal hemodynamic parameters throughout gestation in pregnant mice using high-frequency ultrasound</a>	Throughout gestation, changes in maternal and fetal Doppler parameters in pregnant mice, similar to those obtained in human fetuses, were detected usi