

# Lu Cai

## List of Publications by Year in Descending Order

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

327  
papers

12,928  
citations

61  
h-index

98  
g-index

343  
ext. papers

14,931  
ext. citations

5.4  
avg, IF

6.47  
L-index

#	Paper	IF	Citations
327	CARD9 Regulation and its Role in Cardiovascular Diseases.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 970-982	11.2	4
326	Whole life exposure to low dose cadmium alters diet-induced NAFLD.. <i>Toxicology and Applied Pharmacology</i> , <b>2022</b> , 436, 115855	4.6	1
325	Effects of whole-life exposure to low-dose cadmium with post-weaning high-fat diet on offspring testes in a male mouse model.. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 353, 109797	5	1
324	Ferroptosis is essential for diabetic cardiomyopathy and is prevented by sulforaphane AMPK/NRF2 pathways.. <i>Acta Pharmaceutica Sinica B</i> , <b>2022</b> , 12, 708-722	15.5	11
323	Sulforaphane Does Not Protect Right Ventricular Systolic and Diastolic Functions in Nrf2 Knockout Pulmonary Artery Hypertension Mice.. <i>Cardiovascular Drugs and Therapy</i> , <b>2022</b> , 1	3.9	1
322	Exposure to low-dose cadmium induces testicular ferroptosis.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 234, 113373	7	0
321	FGF1 delays the progression of diabetic nephropathy in late-stage type 2 diabetes mouse model by alleviating renal inflammation, fibrosis, and apoptosis.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 1868, 166414	6.9	0
320	CXCR7 Agonist TC14012 Improves Angiogenic Function of Endothelial Progenitor Cells via Activating Akt/eNOS Pathway and Promotes Ischemic Angiogenesis in Diabetic Limb Ischemia.. <i>Cardiovascular Drugs and Therapy</i> , <b>2022</b> , 1	3.9	
319	Early-Life Exposure to Low-Dose Cadmium Accelerates Diethylnitrosamine and Diet-Induced Liver Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 1427787	6.7	0
318	Comprehensive Review of Cadmium Toxicity Mechanisms in Male Reproduction and Therapeutic Strategies. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2021</b> , 258, 151-193	3.5	1
317	Sex differences in the effects of whole-life, low-dose cadmium exposure on postweaning high-fat diet-induced cardiac pathogenesis. <i>Science of the Total Environment</i> , <b>2021</b> , 809, 152176	10.2	0
316	ERK and p38 MAPK inhibition controls NF-E2 degradation and profibrotic signaling in renal proximal tubule cells. <i>Life Sciences</i> , <b>2021</b> , 287, 120092	6.8	0
315	Activating Adenosine Monophosphate-Activated Protein Kinase Mediates Fibroblast Growth Factor 1 Protection From Nonalcoholic Fatty Liver Disease in Mice. <i>Hepatology</i> , <b>2021</b> , 73, 2206-2222	11.2	16
314	Cardiac metallothionein overexpression rescues diabetic cardiomyopathy in Akt2-knockout mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 6828-6840	5.6	5
313	Zinc as a countermeasure for cadmium toxicity. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 340-346	8	11
312	Effects of Breast Cancer Genes 1 and 2 on Cardiovascular Diseases. <i>Current Problems in Cardiology</i> , <b>2021</b> , 46, 100421	17.1	5
311	Engineered cardiac tissues: a novel in vitro model to investigate the pathophysiology of mouse diabetic cardiomyopathy. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 932-941	8	6

310	A minireview: Role of AMP-activated protein kinase (AMPK) signaling in obesity-related renal injury. <i>Life Sciences</i> , <b>2021</b> , 265, 118828	6.8	9
309	Elabela may regulate SIRT3-mediated inhibition of oxidative stress through Foxo3a deacetylation preventing diabetic-induced myocardial injury. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 323-332	5.6	12
308	The regulatory roles of p53 in cardiovascular health and disease. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 2001-2018	10.3	14
307	Potential roles of mediator Complex Subunit 13 in Cardiac Diseases. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 328-338	11.2	0
306	Roles of Krppel-like factor 5 in kidney disease. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 2342-2355	5.2	2
305	Emerging roles of microRNA-208a in cardiology and reverse cardio-oncology. <i>Medicinal Research Reviews</i> , <b>2021</b> , 41, 2172-2194	14.4	0
304	KLF15 negatively regulates cardiac fibrosis by which SDF-1 $\alpha$ attenuates cardiac fibrosis in type 2 diabetic mice. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 427, 115654	4.6	2
303	COVID-19 and low-dose radiation therapy. <i>Radiation Medicine and Protection</i> , <b>2021</b> , 2, 139-145	2	3
302	Intravital assessment of precapillary pulmonary arterioles of type 1 diabetic mice shows oxidative damage and increased tone in response to NOS inhibition. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 1552-1564	2.7	0
301	Current understanding of hexavalent chromium [Cr(VI)] neurotoxicity and new perspectives. <i>Environment International</i> , <b>2021</b> , 158, 106877	12.9	7
300	Effects of cadmium and high-fat diet on essential metal concentration in the mouse testis. <i>Toxicology Reports</i> , <b>2021</b> , 8, 718-723	4.8	3
299	Research progress of sirtuins in renal and cardiovascular diseases. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2021</b> , 30, 108-114	3.5	0
298	The cGAS-STING pathway: more than fighting against viruses and cancer.. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 209	9.8	2
297	Loss of NF-E2 expression contributes to the induction of profibrotic signaling in diabetic kidneys. <i>Life Sciences</i> , <b>2020</b> , 254, 117783	6.8	4
296	The Role of Akt2 in the Protective Effect of Fenofibrate against Diabetic Nephropathy. <i>International Journal of Biological Sciences</i> , <b>2020</b> , 16, 553-567	11.2	14
295	Mechanisms of diabetic cardiomyopathy and potential therapeutic strategies: preclinical and clinical evidence. <i>Nature Reviews Cardiology</i> , <b>2020</b> , 17, 585-607	14.8	139
294	Sulforaphane prevents right ventricular injury and reduces pulmonary vascular remodeling in pulmonary arterial hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 318, H853-H866	5.2	14
293	Diabetes and its Potential Impact on Head and Neck Oncogenesis. <i>Journal of Cancer</i> , <b>2020</b> , 11, 583-591	4.5	5

292	The gut microbiota and its interactions with cardiovascular disease. <i>Microbial Biotechnology</i> , <b>2020</b> , 13, 637-656	6.3	34
291	409-P: Engineered Cardiac Tissues: A Novel In Vitro Model to Investigate the Pathophysiology of Diabetic Cardiomyopathy. <i>Diabetes</i> , <b>2020</b> , 69, 409-P	0.9	4
290	605-P: Endothelial-Specific Overexpression of Metallothionein Prevents Diabetes Mellitus-Induced Impairment in Ischemia Angiogenesis via Preservation of HIF-1 $\alpha$ /SDF-1/VEGF Signaling in Endothelial Progenitor Cells. <i>Diabetes</i> , <b>2020</b> , 69, 605-P	0.9	1
289	Diabetic-induced alterations in hepatic glucose and lipid metabolism: The role of type 1 and type 2 diabetes mellitus (Review). <i>Molecular Medicine Reports</i> , <b>2020</b> , 22, 603-611	2.9	15
288	473-P: HDAC Inhibition Augments TGF- $\beta$ -Induced JNK Activation, CTGF Expression, and NF-E2 Degradation Promoting Profibrotic Signaling in Renal Proximal Tubules. <i>Diabetes</i> , <b>2020</b> , 69, 473-P	0.9	
287	Sulforaphane prevents type 2 diabetes-induced nephropathy via AMPK-mediated activation of lipid metabolic pathways and Nrf2 antioxidative function. <i>Clinical Science</i> , <b>2020</b> , 134, 2469-2487	6.5	14
286	Nrf2: Redox and Metabolic Regulator of Stem Cell State and Function. <i>Trends in Molecular Medicine</i> , <b>2020</b> , 26, 185-200	11.5	58
285	Metallothionein induction attenuates the progression of lung injury in mice exposed to long-term intermittent hypoxia. <i>Inflammation Research</i> , <b>2020</b> , 69, 15-26	7.2	2
284	Protective effects of sulforaphane on type 2 diabetes-induced cardiomyopathy via AMPK-mediated activation of lipid metabolic pathways and NRF2 function. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 102, 154002	12.7	36
283	Sex differences in progression of diabetic nephropathy in OVE26 type 1 diabetic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165589	6.9	7
282	Identification of susceptibility locus shared by IgA nephropathy and inflammatory bowel disease in a Chinese Han population. <i>Journal of Human Genetics</i> , <b>2020</b> , 65, 241-249	4.3	8
281	Zinc protects against cadmium-induced toxicity in neonatal murine engineered cardiac tissues via metallothionein-dependent and independent mechanisms. <i>Acta Pharmacologica Sinica</i> , <b>2020</b> , 41, 638-649	8	7
280	Zinc homeostasis plays an important role in the prevention of obesity-induced cardiac inflammation, remodeling and dysfunction. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 62, 126615	4.1	3
279	Implications for prenatal cadmium exposure and adverse health outcomes in adulthood. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 403, 115161	4.6	13
278	Current Knowledge Regarding the Interaction Between Oral Bone Metabolic Disorders and Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 536	5.7	8
277	Kr $\mu$ pel-like factors (KLFs) in renal physiology and disease. <i>EBioMedicine</i> , <b>2019</b> , 40, 743-750	8.8	41
276	Clopidogrel Reduces Fibronectin Accumulation and Improves Diabetes-Induced Renal Fibrosis. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 239-252	11.2	11
275	Role of sirtuin-1 in diabetic nephropathy. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 291-309	5.5	47

274	4-O-methylhonokiol protects against diabetic cardiomyopathy in type 2 diabetic mice by activation of AMPK-mediated cardiac lipid metabolism improvement. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 5771-5781	5.6	8
273	Hepatic functional and pathological changes of type 1 diabetic mice in growing and maturation time. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 5794-5807	5.6	5
272	Chronic exposure to arsenic and high fat diet induces sex-dependent pathogenic effects on the kidney. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 310, 108719	5	10
271	The adaptive immune role of metallothioneins in the pathogenesis of diabetic cardiomyopathy: good or bad. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H264-H275	5.2	4
270	Low-Dose Radiation Prevents Chemotherapy-Induced Cardiotoxicity. <i>Current Stem Cell Reports</i> , <b>2019</b> , 5, 82-91	1.8	1
269	Multiple roles of KLF15 in the heart: Underlying mechanisms and therapeutic implications. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 129, 193-196	5.8	7
268	Curcuminoids: Implication for inflammation and oxidative stress in cardiovascular diseases. <i>Phytotherapy Research</i> , <b>2019</b> , 33, 1302-1317	6.7	35
267	Gender Differences in Cardiac Remodeling Induced by a High-Fat Diet and Lifelong, Low-Dose Cadmium Exposure. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 1070-1081	4	8
266	Metallothionein Protects the Heart Against Myocardial Infarction the mTORC2/FoxO3a/Bim Pathway. <i>Antioxidants and Redox Signaling</i> , <b>2019</b> , 31, 403-419	8.4	8
265	4-O-methylhonokiol ameliorates type 2 diabetes-induced nephropathy in mice likely by activation of AMPK-mediated fatty acid oxidation and Nrf2-mediated anti-oxidative stress. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 370, 93-105	4.6	11
264	Protection against diabetic cardiomyopathy is achieved using a combination of sulforaphane and zinc in type 1 diabetic OVE26 mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 6319-6330	5.6	21
263	Cadmium and High-Fat Diet Disrupt Renal, Cardiac and Hepatic Essential Metals. <i>Scientific Reports</i> , <b>2019</b> , 9, 14675	4.9	18
262	Management of diabetic nephropathy: the role of sirtuin-1. <i>Future Medicinal Chemistry</i> , <b>2019</b> , 11, 2241-2245	4.5	3
261	Protective Effect of Lactobacillus rhamnosus GG and its Supernatant against Myocardial Dysfunction in Obese Mice Exposed to Intermittent Hypoxia is Associated with the Activation of Nrf2 Pathway. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 2471-2483	11.2	20
260	Resveratrol As A Natural Regulator Of Autophagy For Prevention And Treatment Of Cancer. <i>OncoTargets and Therapy</i> , <b>2019</b> , 12, 8601-8609	4.4	30
259	Subpleural Microvascular Dysfunction in the Intact Mouse Lung in Conjunction with Increased Blood Glucose Levels, Oxidative Stress and Altered Nitric Oxide Signaling in a Model of Type-1 Diabetes. <i>FASEB Journal</i> , <b>2019</b> , 33, 685.12	0.9	
258	516-P: Preventive Effect of Sulforaphane on Type 2 Diabetes-Induced Diabetic Nephropathy via AMPK-Mediated Activation of Glucose/Lipid Metabolism and Nrf2 Antioxidative Function. <i>Diabetes</i> , <b>2019</b> , 68, 516-P	0.9	
257	625-P: Metallothionein Improves Angiogenic Function of Endothelial Progenitor Cells via HIF-1 $\alpha$ /SDF-1/Akt Pathway in Diabetic Limb Ischemia. <i>Diabetes</i> , <b>2019</b> , 68, 625-P	0.9	

256	613-P: Preventive Effect of Sulforaphane on Type 2 Diabetes-Induced Diabetic Cardiomyopathy via AMPK-Mediated Activation of Glucose/Lipid Metabolism and Nrf2 Function. <i>Diabetes</i> , <b>2019</b> , 68, 613-P	0.9	
255	470-P: Combined Use of Sulforaphane and Zinc Provides a Better Protection against Diabetic Cardiomyopathy than Either One Alone in Type 1 Diabetic OVE26 Mice. <i>Diabetes</i> , <b>2019</b> , 68, 470-P	0.9	0
254	Neonatal murine engineered cardiac tissue toxicology model: Impact of dexrazoxane on doxorubicin induced injury. <i>Life Sciences</i> , <b>2019</b> , 239, 117070	6.8	3
253	Curcumin Analogs Reduce Stress and Inflammation Indices in Experimental Models of Diabetes. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 887	5.7	13
252	Combination of Broccoli Sprout Extract and Zinc Provides Better Protection against Intermittent Hypoxia-Induced Cardiomyopathy Than Monotherapy in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 2985901	6.7	1
251	Pex11a deficiency causes dyslipidaemia and obesity in mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 2020-2031	5.6	12
250	Right ventricular dysfunction and remodeling in diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H113-H122	5.2	13
249	Neuroimmunologic and Neurotrophic Interactions in Autism Spectrum Disorders: Relationship to Neuroinflammation. <i>NeuroMolecular Medicine</i> , <b>2018</b> , 20, 161-173	4.6	32
248	Protection by dimethyl fumarate against diabetic cardiomyopathy in type 1 diabetic mice likely via activation of nuclear factor erythroid-2 related factor 2. <i>Toxicology Letters</i> , <b>2018</b> , 287, 131-141	4.4	24
247	Embryonic exposure to ethanol increases the susceptibility of larval zebrafish to chemically induced seizures. <i>Scientific Reports</i> , <b>2018</b> , 8, 1845	4.9	7
246	Sulforaphane prevents angiotensin II-induced cardiomyopathy by activation of Nrf2 via stimulating the Akt/GSK-3 $\beta$ /Fyn pathway. <i>Redox Biology</i> , <b>2018</b> , 15, 405-417	11.3	87
245	Inhibition of p53 prevents diabetic cardiomyopathy by preventing early-stage apoptosis and cell senescence, reduced glycolysis, and impaired angiogenesis. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 82	9.8	40
244	The beneficial effects of Zn on Akt-mediated insulin and cell survival signaling pathways in diabetes. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 46, 117-127	4.1	26
243	Fenofibrate inhibits mTOR-p70S6K signaling and simultaneously induces cell death in human prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 70-75	3.4	17
242	Exposure to Vinyl Chloride and Its Influence on Western Diet-Induced Cardiac Remodeling. <i>Chemical Research in Toxicology</i> , <b>2018</b> , 31, 482-493	4	9
241	Metallothionein Preserves Akt2 Activity and Cardiac Function via Inhibiting TRB3 in Diabetic Hearts. <i>Diabetes</i> , <b>2018</b> , 67, 507-517	0.9	20
240	Ablation of Ggnbp2 impairs meiotic DNA double-strand break repair during spermatogenesis in mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 4863-4874	5.6	5
239	Nrf2 expression and function, but not MT expression, is indispensable for sulforaphane-mediated protection against intermittent hypoxia-induced cardiomyopathy in mice. <i>Redox Biology</i> , <b>2018</b> , 19, 11-21	11.3	15

238	Anticancer Properties of Fenofibrate: A Repurposing Use. <i>Journal of Cancer</i> , <b>2018</b> , 9, 1527-1537	4.5	27
237	The role of FGF21 in type 1 diabetes and its complications. <i>International Journal of Biological Sciences</i> , <b>2018</b> , 14, 1000-1011	11.2	12
236	Facile Preparation of Nano-BiMoO <sub>4</sub> /Diatomite Composite for Enhancing Photocatalytic Performance under Visible Light Irradiation. <i>Materials</i> , <b>2018</b> , 11,	3.5	16
235	Up-regulation of FGF15/19 signaling promotes hepatocellular carcinoma in the background of fatty liver. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 136	12.8	23
234	A novel microbial technique for producing high-quality sophorolipids from horse oil suitable for cosmetic applications. <i>Microbial Biotechnology</i> , <b>2018</b> , 11, 917-929	6.3	16
233	HDAC3 inhibition in diabetic mice may activate Nrf2 preventing diabetes-induced liver damage and FGF21 synthesis and secretion leading to aortic protection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E150-E162	6	23
232	Impact of prenatal arsenic exposure on chronic adult diseases. <i>Systems Biology in Reproductive Medicine</i> , <b>2018</b> , 64, 469-483	2.9	27
231	Low dose radiation prevents doxorubicin-induced cardiotoxicity. <i>Oncotarget</i> , <b>2018</b> , 9, 332-345	3.3	13
230	CXCR7 Agonist TC14012 Improves Angiogenic Function of Endothelial Progenitor Cells in Diabetic Limb Ischemia. <i>Diabetes</i> , <b>2018</b> , 67, 471-P	0.9	2
229	Increased Subpleural Pulmonary Arteriolar Tone Associated with Inhibition of Nitric Oxide Synthase in a Mouse Model of Type-1 Diabetes. <i>FASEB Journal</i> , <b>2018</b> , 32, lb276	0.9	
228	Sludge decrement and electricity generation of sludge microbial fuel cell enhanced by zero valent iron. <i>Journal of Cleaner Production</i> , <b>2018</b> , 174, 35-41	10.3	18
227	Resveratrol attenuates testicular apoptosis in type 1 diabetic mice: Role of Akt-mediated Nrf2 activation and p62-dependent Keap1 degradation. <i>Redox Biology</i> , <b>2018</b> , 14, 609-617	11.3	86
226	Reappraisal of metallothionein: Clinical implications for patients with diabetes mellitus. <i>Journal of Diabetes</i> , <b>2018</b> , 10, 213-231	3.8	5
225	Sulforaphane restores acetyl-histone H3 binding to Bcl-2 promoter and prevents apoptosis in ethanol-exposed neural crest cells and mouse embryos. <i>Experimental Neurology</i> , <b>2018</b> , 300, 60-66	5.7	19
224	Metallothionein and Intracellular Sequestration of Metals <b>2018</b> , 557-573		2
223	Alterations of MicroRNA Expression in the Liver, Heart, and Testis of Mice Upon Exposure to Repeated Low-Dose Radiation. <i>Dose-Response</i> , <b>2018</b> , 16, 1559325818799561	2.3	7
222	Letter by Cai et al Regarding Article, "Exposure to Low-Dose Ionizing Radiation From Cardiac Procedures and Malignancy Risk in Adults With Congenital Heart Disease". <i>Circulation</i> , <b>2018</b> , 138, 1377-1378	16.7	167
221	Optimal LDR to Protect the Kidney From Diabetes: Whole-Body Exposure to 25 mGy X-rays Weekly for 8 Weeks Efficiently Attenuates Renal Damage in Diabetic Mice. <i>Dose-Response</i> , <b>2018</b> , 16, 1559325818789843	2.3	23

220	Neonatal Murine Engineered Cardiac Tissue Toxicology Model: Impact of Metallothionein Overexpression on Cadmium-Induced Injury. <i>Toxicological Sciences</i> , <b>2018</b> , 165, 499-511	4.4	10
219	Repeated Whole-Body Exposure to Low-Dose Radiation Combined With Topical Application of Basic Fibroblast Growth Factor and Zinc Accelerates Wound Healing in Diabetic Rats. <i>Dose-Response</i> , <b>2018</b> , 16, 1559325818789845	2.3	3
218	The development and biological characteristics of a novel potentially radioresistant inbred mouse strain. <i>Molecular Medicine Reports</i> , <b>2017</b> , 15, 759-767	2.9	0
217	Zinc rescues obesity-induced cardiac hypertrophy via stimulating metallothionein to suppress oxidative stress-activated BCL10/CARD9/p38 MAPK pathway. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 1182-1192	5.6	31
216	Inhibition of HDAC3 prevents diabetic cardiomyopathy in OVE26 mice via epigenetic regulation of DUSP5-ERK1/2 pathway. <i>Clinical Science</i> , <b>2017</b> , 131, 1841-1857	6.5	69
215	Pathophysiological Fundamentals of Diabetic Cardiomyopathy. <i>Comprehensive Physiology</i> , <b>2017</b> , 7, 693-714	7.1	50
214	A Novel CXCR4 antagonist enhances angiogenesis via modifying the ischaemic tissue environment. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 2298-2307	5.6	7
213	Metallothionein Is Downstream of Nrf2 and Partially Mediates Sulforaphane Prevention of Diabetic Cardiomyopathy. <i>Diabetes</i> , <b>2017</b> , 66, 529-542	0.9	89
212	Hormetic Response to Low-Dose Radiation: Focus on the Immune System and Its Clinical Implications. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	50
211	Ggnbp2-Null Mutation in Mice Leads to Male Infertility due to a Defect at the Spermiogenesis Stage. <i>American Journal of Pathology</i> , <b>2017</b> , 187, 2508-2519	5.8	4
210	Implications of impaired zinc homeostasis in diabetic cardiomyopathy and nephropathy. <i>BioFactors</i> , <b>2017</b> , 43, 770-784	6.1	5
209	From the Cover: Alcohol Inhibition of the Enzymatic Activity of Glyceraldehyde 3-Phosphate Dehydrogenase Impairs Cardiac Glucose Utilization, Contributing to Alcoholic Cardiomyopathy. <i>Toxicological Sciences</i> , <b>2017</b> , 159, 392-401	4.4	6
208	Does Krüppel Like Factor 15 Play an Important Role in the Left Ventricular Hypertrophy of Patients with Type 2 Diabetes?. <i>EBioMedicine</i> , <b>2017</b> , 20, 17-18	8.8	3
207	Uncoupling the Mitogenic and Metabolic Functions of FGF1 by Tuning FGF1-FGF Receptor Dimer Stability. <i>Cell Reports</i> , <b>2017</b> , 20, 1717-1728	10.6	50
206	Prevention of Diabetic Nephropathy by Modified Acidic Fibroblast Growth Factor. <i>Nephron</i> , <b>2017</b> , 137, 221-236	3.3	9
205	Intermittent hypoxia-induced cardiomyopathy and its prevention by Nrf2 and metallothionein. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 112, 224-239	7.8	24
204	Urinary miR-21 as a potential biomarker of hypertensive kidney injury and fibrosis. <i>Scientific Reports</i> , <b>2017</b> , 7, 17737	4.9	36
203	Zinc Prevents the Development of Diabetic Cardiomyopathy in db/db Mice. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	24



202	Sulforaphane Prevents Angiotensin II-Induced Testicular Cell Death via Activation of NRF2. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 5374897	6.7	6
201	Molecular insights: Suppression of EGFR and AKT activation by a small molecule in non-small cell lung cancer. <i>Genes and Cancer</i> , <b>2017</b> , 8, 713-724	2.9	10
200	Exacerbation of diabetic cardiac hypertrophy in OVE26 mice by angiotensin II is associated with JNK/c-Jun/miR-221-mediated autophagy inhibition. <i>Oncotarget</i> , <b>2017</b> , 8, 106661-106671	3.3	16
199	Genetic variants of nuclear factor erythroid-derived 2-like 2 associated with the complications in Han descents with type 2 diabetes mellitus of Northeast China. <i>Journal of Cellular and Molecular Medicine</i> , <b>2016</b> , 20, 2078-2088	5.6	17
198	Fenofibrate increases cardiac autophagy via FGF21/SIRT1 and prevents fibrosis and inflammation in the hearts of Type 1 diabetic mice. <i>Clinical Science</i> , <b>2016</b> , 130, 625-41	6.5	97
197	Myocardial redox status, mitophagy and cardioprotection: a potential way to amend diabetic heart?. <i>Clinical Science</i> , <b>2016</b> , 130, 1511-21	6.5	11
196	Broccoli sprout extract prevents diabetic cardiomyopathy via Nrf2 activation in db/db T2DM mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 30252	4.9	51
195	Zinc deficiency exacerbates while zinc supplement attenuates cardiac hypertrophy in high-fat diet-induced obese mice through modulating p38 MAPK-dependent signaling. <i>Toxicology Letters</i> , <b>2016</b> , 258, 134-146	4.4	26
194	Biochanin A protects lipopolysaccharide/D-galactosamine-induced acute liver injury in mice by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , <b>2016</b> , 38, 324-31	5.8	68
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191	Repetitive exposure to low-dose X-irradiation attenuates testicular apoptosis in type 2 diabetic rats, likely via Akt-mediated Nrf2 activation. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 422, 203-210	4.4	26
190	Differential expression of endoplasmic reticulum stress-response proteins in different renal tubule subtypes of OVE26 diabetic mice. <i>Cell Stress and Chaperones</i> , <b>2016</b> , 21, 155-166	4	10
189	Distinct biological effects of low-dose radiation on normal and cancerous human lung cells are mediated by ATM signaling. <i>Oncotarget</i> , <b>2016</b> , 7, 71856-71872	3.3	15
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180	From the Cover: Zinc Deficiency Worsens and Supplementation Prevents High-Fat Diet Induced Vascular Inflammation, Oxidative Stress, and Pathological Remodeling. <i>Toxicological Sciences</i> , <b>2016</b> , 153, 124-36	4.4	15
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