Ji Li

List of Publications by Year in Descending Order

77 papers	3,953 citations	32 h-index	62 g-index
83 ext. papers	4,692 ext. citations	7 avg, IF	5.25 L-index

#	Paper	IF	Citations
77	The Cardiac Dysfunction Caused by Metabolic Alterations in Alzheimer's Disease.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 850538	5.4	3
76	BSCL2/Seipin deficiency in hearts causes cardiac energy deficit and dysfunction via inducing excessive lipid catabolism.. *Clinical and Translational Medicine*, **2022**, 12, e736	5.7	0
75	STK35 Gene Therapy Attenuates Endothelial Dysfunction and Improves Cardiac Function in Diabetes.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 798091	5.4	
74	Direct Cardiac Actions of the Sodium Glucose Co-Transporter 2 Inhibitor Empagliflozin Improve Myocardial Oxidative Phosphorylation and Attenuate Pressure-Overload Heart Failure. *Journal of the American Heart Association*, **2021**, 10, e018298	6	13
73	Alterations in mitochondrial dynamics with age-related Sirtuin1/Sirtuin3 deficiency impair cardiomyocyte contractility. *Aging Cell*, **2021**, 20, e13419	9.9	6
72	Sestrin2 maintains OXPHOS integrity to modulate cardiac substrate metabolism during ischemia and reperfusion. *Redox Biology*, **2021**, 38, 101824	11.3	7
71	Revisiting preeclampsia: a metabolic disorder of the placenta. *FEBS Journal*, **2021**,	5.7	2
70	GRK5 Controls SAP97-Dependent Cardiotoxic □Adrenergic Receptor-CaMKII Signaling in Heart Failure. *Circulation Research*, **2020**, 127, 796-810	15.7	4
69	Sestrin2 modulates cardiac inflammatory response through maintaining redox homeostasis during ischemia and reperfusion. *Redox Biology*, **2020**, 34, 101556	11.3	13
68	Empagliflozin attenuates ischemia and reperfusion injury through LKB1/AMPK signaling pathway. *Molecular and Cellular Endocrinology*, **2020**, 501, 110642	4.4	30
67	Substrate metabolism regulated by Sestrin2-mTORC1 alleviates pressure overload-induced cardiac hypertrophy in aged heart. *Redox Biology*, **2020**, 36, 101637	11.3	8
66	SIRT1/SIRT3 Modulates Redox Homeostasis during Ischemia/Reperfusion in the Aging Heart. *Antioxidants*, **2020**, 9,	7.1	16
65	SIRT1 agonism modulates cardiac NLRP3 inflammasome through pyruvate dehydrogenase during ischemia and reperfusion. *Redox Biology*, **2020**, 34, 101538	11.3	38
64	Empagliflozin Ameliorates Obesity-Related Cardiac Dysfunction by Regulating Sestrin2-Mediated AMPK-mTOR Signaling and Redox Homeostasis in High-Fat Diet-Induced Obese Mice. *Diabetes*, **2020**, 69, 1292-1305	0.9	46
63	CD74 knockout attenuates alcohol intake-induced cardiac dysfunction through AMPK-Skp2-mediated regulation of autophagy. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 2368-2378	6.9	9
62	The cardioprotective effects of carvedilol on ischemia and reperfusion injury by AMPK signaling pathway. *Biomedicine and Pharmacotherapy*, **2019**, 117, 109106	7.5	18
61	Clinical features and prognosis of patients with thrombotic thrombocytopenic purpura associated with systemic lupus erythematosus: a review of 25 cases. *Italian Journal of Pediatrics*, **2019**, 45, 55	3.2	14

60	The Cardioprotective Signaling Activity of Activated Protein C in Heart Failure and Ischemic Heart Diseases. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	10
59	Mitochondrial Complex I Inhibition by Metformin Limits Reperfusion Injury. *Journal of Pharmacology and Experimental Therapeutics*, **2019**, 369, 282-290	4.7	49
58	AMPK: a balancer of the renin-angiotensin system. *Bioscience Reports*, **2019**, 39,	4.1	32
57	AMPK is associated with the beneficial effects of antidiabetic agents on cardiovascular diseases. *Bioscience Reports*, **2019**, 39,	4.1	30
56	Dichloroacetate Ameliorates Cardiac Dysfunction Caused by Ischemic Insults Through AMPK Signal Pathway-Not Only Shifts Metabolism. *Toxicological Sciences*, **2019**, 167, 604-617	4.4	22
55	AMPK: a therapeutic target of heart failure-not only metabolism regulation. *Bioscience Reports*, **2019**, 39,	4.1	36
54	Developed market or developing market?: A perspective of institutional theory on multinational enterprises□diversification and sustainable development with environmental protection. *Business Strategy and the Environment*, **2018**, 27, 858-871	8.6	13
53	Cardiomyocyte-specific deletion of Sirt1 gene sensitizes myocardium to ischaemia and reperfusion injury. *Cardiovascular Research*, **2018**, 114, 805-821	9.9	61
52	Activated protein C protects against pressure overload-induced hypertrophy through AMPK signaling. *Biochemical and Biophysical Research Communications*, **2018**, 495, 2584-2594	3.4	11
51	Sestrin2 prevents age-related intolerance to post myocardial infarction via AMPK/PGC-1□pathway. *Journal of Molecular and Cellular Cardiology*, **2018**, 115, 170-178	5.8	58
50	Activation of AMPK inhibits inflammatory response during hypoxia and reoxygenation through modulating JNK-mediated NF-B pathway. *Metabolism: Clinical and Experimental*, **2018**, 83, 256-270	12.7	107
49	AMPK as a metabolic sensor regulates inflammatory response during ischemic insults. *FASEB Journal*, **2018**, 32, 906.9	0.9	
48	Prospective study revealed prognostic significance of responses in leptomeningeal metastasis and clinical value of cerebrospinal fluid-based liquid biopsy. *Lung Cancer*, **2018**, 125, 142-149	5.9	16
47	Sestrin2 prevents age-related intolerance to ischemia and reperfusion injury by modulating substrate metabolism. *FASEB Journal*, **2017**, 31, 4153-4167	0.9	76
46	The structure-activity relationship of ginsenosides on hypoxia-reoxygenation induced apoptosis of cardiomyocytes. *Biochemical and Biophysical Research Communications*, **2017**, 494, 556-568	3.4	20
45	L-Carnitine Attenuates Cardiac Dysfunction by Ischemic Insults Through Akt Signaling Pathway. *Toxicological Sciences*, **2017**, 160, 341-350	4.4	13
44	Loss of sestrin 2 potentiates the early onset of age-related sensory cell degeneration in the cochlea. *Neuroscience*, **2017**, 361, 179-191	3.9	19
43	The endotoxemia cardiac dysfunction is attenuated by AMPK/mTOR signaling pathway regulating autophagy. *Biochemical and Biophysical Research Communications*, **2017**, 492, 520-527	3.4	37

42	GsMTx4-D is a cardioprotectant against myocardial infarction during ischemia and reperfusion. *Journal of Molecular and Cellular Cardiology*, **2016**, 98, 83-94	5.8	25
41	Caloric Restriction Normalizes Obesity-Induced Alterations on Regulators of Skeletal Muscle Growth Signaling. *Lipids*, **2016**, 51, 905-12	1.6	9
40	Cardiac-Specific Deletion of the Pdha1 Gene Sensitizes Heart to Toxicological Actions of Ischemic Stress. *Toxicological Sciences*, **2016**, 151, 193-203	4.4	27
39	The protective effect of trimetazidine on myocardial ischemia/reperfusion injury through activating AMPK and ERK signaling pathway. *Metabolism: Clinical and Experimental*, **2016**, 65, 122-30	12.7	68
38	Cardioprotective actions of Notch1 against myocardial infarction via LKB1-dependent AMPK signaling pathway. *Biochemical Pharmacology*, **2016**, 108, 47-57	6	30
37	The Modulation of Cardiac Contractile Function by the Pharmacological and Toxicological Effects of Urocortin2. *Toxicological Sciences*, **2015**, 148, 581-93	4.4	13
36	Metabolic shifts during aging and pathology. *Comprehensive Physiology*, **2015**, 5, 667-86	7.7	45
35	Macrophage migration inhibitory factor polymorphism is associated with susceptibility to inflammatory coronary heart disease. *BioMed Research International*, **2015**, 2015, 315174	3	11
34	Antithrombin up-regulates AMP-activated protein kinase signalling during myocardial ischaemia/reperfusion injury. *Thrombosis and Haemostasis*, **2015**, 113, 338-49	7	39
33	Sestrin2 promotes LKB1-mediated AMPK activation in the ischemic heart. *FASEB Journal*, **2015**, 29, 408-17	5.9	123
32	The Cardioprotective Effect of Dexamethasone through Activation of RISK Pathway. *FASEB Journal*, **2015**, 29, 1026.6	0.9	
31	TUG Mediates GLUT4 Translocation by AMP-Activated Protein Kinase in the Heart. *FASEB Journal*, **2015**, 29, 1026.7	0.9	
30	Loudness perception affected by early age hearing loss. *Hearing Research*, **2014**, 313, 18-25	3.9	11
29	Protective effect of polysaccharides on simulated microgravity-induced functional inhibition of human NK cells. *Carbohydrate Polymers*, **2014**, 101, 819-27	10.3	38
28	AMPK Activators as a Drug for Diabetes, Cancer and Cardiovascular Disease. *Pharmaceutical Regulatory Affairs: Open Access*, **2014**, 3,		19
27	Cloning and expression analysis of Cs-TIR1/AFB2: the fruit development-related genes of cucumber (Cucumis sativus L.). *Acta Physiologiae Plantarum*, **2014**, 36, 139-149	2.6	8
26	Identification and Expression Analysis of D-type Cyclin Genes in Early Developing Fruit of Cucumber (Cucumis sativus L.). *Plant Molecular Biology Reporter*, **2014**, 32, 209-218	1.7	12
25	Impaired SIRT1 nucleocytoplasmic shuttling in the senescent heart during ischemic stress. *FASEB Journal*, **2013**, 27, 4332-42	0.9	104

24	Natural 15N Abundance in Winter Wheat Amended with Urea and Compost: A Long-Term Experiment. *Pedosphere*, **2013**, 23, 835-843	5	6
23	Genomic analyses identify distinct patterns of selection in domesticated pigs and Tibetan wild boars. *Nature Genetics*, **2013**, 45, 1431-8	36.3	306
22	Aqueous enzymatic process assisted by microwave extraction of oil from yellow horn (Xanthoceras sorbifolia Bunge.) seed kernels and its quality evaluation. *Food Chemistry*, **2013**, 138, 2152-8	8.5	50
21	Urocortin 2 autocrine/paracrine and pharmacologic effects to activate AMP-activated protein kinase in the heart. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 16133-8	11.5	31
20	V.O2 Kinetics and clinical factors among patients with peripheral artery disease. *Journal of Cardiopulmonary Rehabilitation and Prevention*, **2013**, 33, 411-8	3.6	4
19	Chronic caloric restriction and exercise improve metabolic conditions of dietary-induced obese mice in autophagy correlated manner without involving AMPK. *Journal of Diabetes Research*, **2013**, 2013, 852754	3.9	44
18	Limiting cardiac ischemic injury by pharmacological augmentation of macrophage migration inhibitory factor-AMP-activated protein kinase signal transduction. *Circulation*, **2013**, 128, 225-36	16.7	60
17	Integration of high-resolution physical and genetic map reveals differential recombination frequency between chromosomes and the genome assembling quality in cucumber. *PLoS ONE*, **2013**, 8, e62676	3.7	23
16	Sestrin2 is cardioprotective against ischemia/reperfusion injury by promoting LKB1-mediated AMPK activation. *FASEB Journal*, **2013**, 27, 652.9	0.9	
15	Anti-inflammatory effects and hepatotoxicity of Tripterygium-loaded solid lipid nanoparticles on adjuvant-induced arthritis in rats. *Phytomedicine*, **2012**, 19, 998-1006	6.5	44
14	AMPK in myocardial infarction and diabetes: the yin/yang effect. *Acta Pharmaceutica Sinica B*, **2012**, 2, 368-378	15.5	17
13	MIF in Cardiovascular Disease **2012**, 347-358		
12	PPAR-□and AMPK--advantageous targets for myocardial ischemia/reperfusion therapy. *Biochemical Pharmacology*, **2011**, 82, 195-200	6	58
11	Acute rosiglitazone treatment is cardioprotective against ischemia-reperfusion injury by modulating AMPK, Akt, and JNK signaling in nondiabetic mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 301, H895-902	5.2	72
10	AMP-activated protein kinase deficiency exacerbates aging-induced myocardial contractile dysfunction. *Aging Cell*, **2010**, 9, 592-606	9.9	96
9	Impaired macrophage migration inhibitory factor-AMP-activated protein kinase activation and ischemic recovery in the senescent heart. *Circulation*, **2010**, 122, 282-92	16.7	133
8	Macrophage migration inhibitory factor stimulates AMP-activated protein kinase in the ischaemic heart. *Nature*, **2008**, 451, 578-82	50.4	347
7	Activation of AMPK alpha- and gamma-isoform complexes in the intact ischemic rat heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 291, H1927-34	5.2	55

6	AMP-activated protein kinase: a key stress signaling pathway in the heart. *Trends in Cardiovascular Medicine*, **2005**, 15, 110-8	6.9	139
5	AMP-activated protein kinase activates p38 mitogen-activated protein kinase by increasing recruitment of p38 MAPK to TAB1 in the ischemic heart. *Circulation Research*, **2005**, 97, 872-9	15.7	188
4	Role of the nitric oxide pathway in AMPK-mediated glucose uptake and GLUT4 translocation in heart muscle. *American Journal of Physiology - Endocrinology and Metabolism*, **2004**, 287, E834-41	6	141
3	Elevated gadd153/chop expression and enhanced c-Jun N-terminal protein kinase activation sensitizes aged cells to ER stress. *Experimental Gerontology*, **2004**, 39, 735-44	4.5	90
2	AMP-activated protein kinase mediates ischemic glucose uptake and prevents postischemic cardiac dysfunction, apoptosis, and injury. *Journal of Clinical Investigation*, **2004**, 114, 495-503	15.9	567
1	Common mechanisms for declines in oxidative stress tolerance and proliferation with aging. *Free Radical Biology and Medicine*, **2003**, 35, 292-9	7.8	39