Ji Li

List of Publications by Year
in descending order

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Version: 2024-02-01

82 papers	5,304 citations	94381 37 h-index	85498 71 g-index
83 all docs	83 docs citations	83 times ranked	6748 citing authors

#	Article	IF	Citations
1	AMP-activated protein kinase mediates ischemic glucose uptake and prevents postischemic cardiac dysfunction, apoptosis, and injury. Journal of Clinical Investigation, 2004, 114, 495-503.	3.9	640
2	Genomic analyses identify distinct patterns of selection in domesticated pigs and Tibetan wild boars. Nature Genetics, 2013, 45, 1431-1438.	9.4	472
3	Macrophage migration inhibitory factor stimulates AMP-activated protein kinase in the ischaemic heart. Nature, 2008, 451, 578-582.	13.7	392
4	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, 872-879.	2.0	210
5	Activation of AMPK inhibits inflammatory response during hypoxia and reoxygenation through modulating JNK-mediated NF-Î¹B pathway. Metabolism: Clinical and Experimental, 2018, 83, 256-270.	1.5	189
6	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-E841.	1.8	165
7	AMP-Activated Protein Kinase: A Key Stress Signaling Pathway in the Heart. Trends in Cardiovascular Medicine, 2005, 15, 110-118.	2.3	159
8	Impaired Macrophage Migration Inhibitory Factorâ€“AMP-Activated Protein Kinase Activation and Ischemic Recovery in the Senescent Heart. Circulation, 2010, 122, 282-292.	1.6	156
9	Sestrin2 promotes LKB1â€mediated AMPK activation in the ischemic heart. FASEB Journal, 2015, 29, 408-417.	0.2	143
10	Empagliflozin Ameliorates Obesity-Related Cardiac Dysfunction by Regulating Sestrin2-Mediated AMPK-mTOR Signaling and Redox Homeostasis in High-Fat Dietâ€“Induced Obese Mice. Diabetes, 2020, 69, 1292-1305.	0.3	121
11	Elevated gadd153/chop expression and enhanced c-Jun N-terminal protein kinase activation sensitizes aged cells to ER stress. Experimental Gerontology, 2004, 39, 735-744.	1.2	115
12	AMPâ€activated protein kinase deficiency exacerbates agingâ€induced myocardial contractile dysfunction. Aging Cell, 2010, 9, 592-606.	3.0	114
13	Impaired SIRT1 nucleocytoplasmic shuttling in the senescent heart during ischemic stress. FASEB Journal, 2013, 27, 4332-4342.	0.2	108
14	Sestrin2 prevents ageâ€related intolerance to ischemia and reperfusion injury by modulating substrate metabolism. FASEB Journal, 2017, 31, 4153-4167.	0.2	103
15	Cardiomyocyte-specific deletion of Sirt1 gene sensitizes myocardium to ischaemia and reperfusion injury. Cardiovascular Research, 2018, 114, 805-821.	1.8	93
16	The protective effect of trimetazidine on myocardial ischemia/reperfusion injury through activating AMPK and ERK signaling pathway. Metabolism: Clinical and Experimental, 2016, 65, 122-130.	1.5	86
17	SIRT1 agonism modulates cardiac NLRP3 inflammasome through pyruvate dehydrogenase during ischemia and reperfusion. Redox Biology, 2020, 34, 101538.	3.9	82
18	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-H902.	1.5	80

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19	Sestrin2 prevents age-related intolerance to post myocardial infarction via AMPK/PGC-1Î± pathway. Journal of Molecular and Cellular Cardiology, 2018, 115, 170-178.	0.9	79
20	Aqueous enzymatic process assisted by microwave extraction of oil from yellow horn (Xanthoceras) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	73
21	Limiting Cardiac Ischemic Injury by Pharmacological Augmentation of Macrophage Migration Inhibitory Factorâ€“AMP-Activated Protein Kinase Signal Transduction. Circulation, 2013, 128, 225-236.	1.6	73
22	PPAR-Î³ and AMPK â€“ Advantageous targets for myocardial ischemia/reperfusion therapy. Biochemical Pharmacology, 2011, 82, 195-200.	2.0	70
23	Empagliflozin attenuates ischemia and reperfusion injury through LKB1/AMPK signaling pathway. Molecular and Cellular Endocrinology, 2020, 501, 110642.	1.6	67
24	Mitochondrial Complex I Inhibition by Metformin Limits Reperfusion Injury. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 282-290.	1.3	64
25	Activation of AMPK Î±- and Î³-isoform complexes in the intact ischemic rat heart. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1927-H1934.	1.5	59
26	AMPK: a therapeutic target of heart failureâ€”not only metabolism regulation. Bioscience Reports, 2019, 39, .	1.1	59
27	The endotoxemia cardiac dysfunction is attenuated by AMPK/mTOR signaling pathway regulating autophagy. Biochemical and Biophysical Research Communications, 2017, 492, 520-527.	1.0	58
28	Direct Cardiac Actions of the Sodium Glucose Coâ€Transporter 2 Inhibitor Empagliflozin Improve Myocardial Oxidative Phosphorylation and Attenuate Pressureâ€Overload Heart Failure. Journal of the American Heart Association, 2021, 10, e018298.	1.6	54
29	Metabolic Shifts during Aging and Pathology. , 2015, 5, 667-686.		53
30	Anti-inflammatory effects and hepatotoxicity of Tripterygium-loaded solid lipid nanoparticles on adjuvant-induced arthritis in rats. Phytomedicine, 2012, 19, 998-1006.	2.3	52
31	Protective effect of polysaccharides on simulated microgravity-induced functional inhibition of human NK cells. Carbohydrate Polymers, 2014, 101, 819-827.	5.1	52
32	AMPK: a balancer of the reninâ€“angiotensin system. Bioscience Reports, 2019, 39, .	1.1	51
33	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, 1-8.	1.0	49
34	Antithrombin up-regulates AMP-activated protein kinase signalling during myocardial ischaemia/reperfusion injury. Thrombosis and Haemostasis, 2015, 113, 338-349.	1.8	48
35	Common mechanisms for declines in oxidative stress tolerance and proliferation with aging. Free Radical Biology and Medicine, 2003, 35, 292-299.	1.3	46
36	Alterations in mitochondrial dynamics with ageâ€related Sirtuin1/Sirtuin3 deficiency impair cardiomyocyte contractility. Aging Cell, 2021, 20, e13419.	3.0	44

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37	AMPK is associated with the beneficial effects of antidiabetic agents on cardiovascular diseases. Bioscience Reports, 2019, 39, .	1.1	43
38	Cardioprotective actions of Notch1 against myocardial infarction via LKB1-dependent AMPK signaling pathway. Biochemical Pharmacology, 2016, 108, 47-57.	2.0	39
39	Dichloroacetate Ameliorates Cardiac Dysfunction Caused by Ischemic Insults Through AMPK Signal Pathwayâ€"Not Only Shifts Metabolism. Toxicological Sciences, 2019, 167, 604-617.	1.4	36
40	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, 16133-16138.	3.3	35
41	Cytokines and Diabetes Research. Journal of Diabetes Research, 2014, 2014, 1-2.	1.0	35
42	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.	0.9	34
43	Cardiac-Specific Deletion of thePdha1Gene Sensitizes Heart to Toxicological Actions of Ischemic Stress. Toxicological Sciences, 2016, 151, 193-203.	1.4	33
44	SIRT1/SIRT3 Modulates Redox Homeostasis during Ischemia/Reperfusion in the Aging Heart. Antioxidants, 2020, 9, 858.	2.2	33
45	GsMTx4-D is a cardioprotectant against myocardial infarction during ischemia and reperfusion. Journal of Molecular and Cellular Cardiology, 2016, 98, 83-94.	0.9	32
46	The cardioprotective effects of carvedilol on ischemia and reperfusion injury by AMPK signaling pathway. Biomedicine and Pharmacotherapy, 2019, 117, 109106.	2.5	30
47	Sestrin2 modulates cardiac inflammatory response through maintaining redox homeostasis during ischemia and reperfusion. Redox Biology, 2020, 34, 101556.	3.9	30
48	Loss of sestrin 2 potentiates the early onset of age-related sensory cell degeneration in the cochlea. Neuroscience, 2017, 361, 179-191.	1.1	28
49	The structure-activity relationship of ginsenosides on hypoxia-reoxygenation induced apoptosis of cardiomyocytes. Biochemical and Biophysical Research Communications, 2017, 494, 556-568.	1.0	27
50	Developed market or developing market?: A perspective of institutional theory on multinational enterprisesâ€™ diversification and sustainable development with environmental protection. Business Strategy and the Environment, 2018, 27, 858-871.	8.5	26
51	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.	1.1	26
52	AMPK Activators as a Drug for Diabetes, Cancer and Cardiovascular Disease. Pharmaceutical Regulatory Affairs: Open Access, 2014, 03, .	0.2	24
53	AMPK in myocardial infarction and diabetes: the yin/yang effect. Acta Pharmaceutica Sinica B, 2012, 2, 368-378.	5.7	23
54	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.	1.0	23

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55	Revisiting preeclampsia: a metabolic disorder of the placenta. FEBS Journal, 2022, 289, 336-354.	2.2	21
56	The Modulation of Cardiac Contractile Function by the Pharmacological and Toxicological Effects of Urocortin2. Toxicological Sciences, 2015, 148, 581-593.	1.4	17
57	L-Carnitine Attenuates Cardiac Dysfunction by Ischemic Insults Through Akt Signaling Pathway. Toxicological Sciences, 2017, 160, 341-350.	1.4	16
58	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.	1.8	16
59	GRK5 Controls SAP97-Dependent Cardiotoxic Î² ₁ Adrenergic Receptor-CaMKII Signaling in Heart Failure. Circulation Research, 2020, 127, 796-810.	2.0	16
60	Sestrin2 maintains OXPHOS integrity to modulate cardiac substrate metabolism during ischemia and reperfusion. Redox Biology, 2021, 38, 101824.	3.9	15
61	Macrophage Migration Inhibitory Factor Polymorphism Is Associated with Susceptibility to Inflammatory Coronary Heart Disease. BioMed Research International, 2015, 2015, 1-6.	0.9	14
62	Substrate metabolism regulated by Sestrin2â€“mTORC1 alleviates pressure overload-induced cardiac hypertrophy in aged heart. Redox Biology, 2020, 36, 101637.	3.9	14
63	Natural 15N Abundance in Winter Wheat Amended with Urea and Compost: A Long-Term Experiment. Pedosphere, 2013, 23, 835-843.	2.1	13
64	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.	1.0	13
65	Loudness perception affected by early age hearing loss. Hearing Research, 2014, 313, 18-25.	0.9	13
66	Caloric Restriction Normalizes Obesityâ€Induced Alterations on Regulators of Skeletal Muscle Growth Signaling. Lipids, 2016, 51, 905-912.	0.7	13
67	Activated protein C protects against pressure overload-induced hypertrophy through AMPK signaling. Biochemical and Biophysical Research Communications, 2018, 495, 2584-2594.	1.0	13
68	The Cardioprotective Signaling Activity of Activated Protein C in Heart Failure and Ischemic Heart Diseases. International Journal of Molecular Sciences, 2019, 20, 1762.	1.8	13
69	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.	1.0	11
70	Activated Protein C Strengthens Cardiac Tolerance to Ischemic Insults in Aging. Circulation Research, 2022, 130, 252-272.	2.0	11
71	The Interaction of mTOR and Nrf2 in Neurogenesis and Its Implication in Neurodegenerative Diseases. Cells, 2022, 11, 2048.	1.8	10
72	The Cardiac Dysfunction Caused by Metabolic Alterations in Alzheimer's Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 850538.	1.1	9

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73	V.O2 Kinetics and Clinical Factors Among Patients With Peripheral Artery Disease. Journal of Cardiopulmonary Rehabilitation and Prevention, 2013, 33, 411-418.	1.2	7
74	BSCL2/Seipin deficiency in hearts causes cardiac energy deficit and dysfunction via inducing excessive lipid catabolism. Clinical and Translational Medicine, 2022, 12, e736.	1.7	4
75	STK35 Gene Therapy Attenuates Endothelial Dysfunction and Improves Cardiac Function in Diabetes. Frontiers in Cardiovascular Medicine, 2021, 8, 798091.	1.1	2
76	Progressive Alopecia Reveals Decreasing Stem Cell Activation Probability during Aging of Mice with Epidermal Deletion of DNA Methyltransferase 1. Journal of Investigative Dermatology, 2013, 133, 859.	0.3	1
77	Ageâ€Independent Cardiac Protection by Pharmacological Activation of Beclinâ€1 During Endotoxemia and Its Association With Energy Metabolic Reprograming in Myocardiumâ€”A Targeted Metabolomics Study. Journal of the American Heart Association, 0, , .	1.6	1
78	MIF in Cardiovascular Disease. , 2012, , 347-358.		0
79	Sestrin2 is cardioprotective against ischemia/reperfusion injury by promoting LKB1â€mediated AMPK activation. FASEB Journal, 2013, 27, 652.9.	0.2	0
80	The Cardioprotective Effect of Dexamethasone through Activation of RISK Pathway. FASEB Journal, 2015, 29, 1026.6.	0.2	0
81	TUG Mediates GLUT4 Translocation by AMPâ€Activated Protein Kinase in the Heart. FASEB Journal, 2015, 29, 1026.7.	0.2	0
82	AMPK as a metabolic sensor regulates inflammatory response during ischemic insults. FASEB Journal, 2018, 32, 906.9.	0.2	0