

Activation of \hat{I}^32 -AMPK Suppresses Ribosome Biogenesis Ischemia/Reperfusion Injury

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Citation Report

#	ARTICLE	IF	CITATIONS
1	AMP-Activated Protein Kinase β 2 to the Rescue in Ischemic Heart. <i>Circulation Research</i> , 2017, 121, 1113-1115.	2.0	1
2	The increase in fiber size in male rat gastrocnemius after chronic central leptin infusion is related to activation of insulin signaling. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 48-59.	1.6	8
3	Ginsenoside Rg1 Prevents Doxorubicin-Induced Cardiotoxicity through the Inhibition of Autophagy and Endoplasmic Reticulum Stress in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3658.	1.8	87
4	Salvinorin A moderates postischemic brain injury by preserving endothelial mitochondrial function via AMPK/Mfn2 activation. <i>Experimental Neurology</i> , 2019, 322, 113045.	2.0	27
5	Ribosome biogenesis in skeletal muscle: coordination of transcription and translation. <i>Journal of Applied Physiology</i> , 2019, 127, 591-598.	1.2	39
6	AMP-activated protein kinase: the current landscape for drug development. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 527-551.	21.5	425
7	Identification of Candidate Genes and Pathways in Dexmedetomidine-Induced Cardioprotection in the Rat Heart by Bioinformatics Analysis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1614.	1.8	14
8	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. <i>Cell Research</i> , 2019, 29, 460-473.	5.7	101
9	SERP1 prevents hypoxia-reoxygenation-induced H9c2 apoptosis through activating JAK2/STAT3 pathway-dependent attenuation of endoplasmic reticulum stress. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 256-262.	1.0	12
10	High CO ₂ Downregulates Skeletal Muscle Protein Anabolism via AMP-activated Protein Kinase β 2-mediated Depressed Ribosomal Biogenesis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 74-86.	1.4	27
11	AMP-activated protein kinase: An attractive therapeutic target for ischemia-reperfusion injury. <i>European Journal of Pharmacology</i> , 2020, 888, 173484.	1.7	33
12	Insight into AMPK regulation mechanism in vivo and in vitro: Responses to low temperatures in the olive flounder <i>Paralichthys olivaceus</i> . <i>Journal of Thermal Biology</i> , 2020, 91, 102640.	1.1	12
13	Hypercapnia-Driven Skeletal Muscle Dysfunction in an Animal Model of Pulmonary Emphysema Suggests a Complex Phenotype. <i>Frontiers in Physiology</i> , 2020, 11, 600290.	1.3	9
14	lncRNA Oip5 α s1 attenuates myocardial ischaemia/reperfusion injury by sponging miR-29a to activate the SIRT1/AMPK/PGC1 β pathway. <i>Cell Proliferation</i> , 2020, 53, e12818.	2.4	69
15	Mechanisms dissection of the combination GRS derived from ShengMai preparations for the treatment of myocardial ischemia/reperfusion injury. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113381.	2.0	10
16	Circular RNA ITCH mediates H ₂ O ₂ -induced myocardial cell apoptosis by targeting miR-17 α 5p via wnt/ β -catenin signalling pathway. <i>International Journal of Experimental Pathology</i> , 2021, 102, 22-31.	0.6	11
17	Post-Translational Modifications of the Energy Guardian AMP-Activated Protein Kinase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1229.	1.8	18
18	Endoplasmic reticulum stress and unfolded protein response in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , 2021, 18, 499-521.	6.1	283

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19	Role of SIRT1/AMPK signaling in the proliferation, migration and invasion of renal cell carcinoma cells. <i>Oncology Reports</i> , 2021, 45, .	1.2	8
21	Phosphoproteomic identification of ULK substrates reveals VPS15â€dependent ULK/VPS34 interplay in the regulation of autophagy. <i>EMBO Journal</i> , 2021, 40, e105985.	3.5	35
22	Contribution of Energy Dysfunction to Impaired Protein Translation in Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 668500.	1.8	7
24	LATS2 Deletion Attenuates Myocardial Ischemia-Reperfusion Injury by Promoting Mitochondrial Biogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	1.9	11
25	Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species. <i>Cell Metabolism</i> , 2021, 33, 2059-2075.e10.	7.2	35
26	AMPK mediates regulation of glomerular volume and podocyte survival. <i>JCI Insight</i> , 2021, 6, .	2.3	16
27	Skeletal Muscle Ribosome and Mitochondrial Biogenesis in Response to Different Exercise Training Modalities. <i>Frontiers in Physiology</i> , 2021, 12, 725866.	1.3	23
28	Regulation of blood-brain barrier permeability by Salvinorin A via alleviating endoplasmic reticulum stress in brain endothelial cell after ischemia stroke. <i>Neurochemistry International</i> , 2021, 149, 105093.	1.9	10
29	Resveratrol protects against myocardial ischemia-reperfusion injury via attenuating ferroptosis. <i>Gene</i> , 2022, 808, 145968.	1.0	88
32	Genetic Impairment of Succinate Metabolism Disrupts Bioenergetic Sensing in Adrenal Neuroendocrine Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
33	XMU-MP-1 protects heart from ischemia/reperfusion injury in mice through modulating Mst1/AMPK pathway. <i>European Journal of Pharmacology</i> , 2022, 919, 174801.	1.7	10
34	Targeting AMPK signaling in ischemic/reperfusion injury: From molecular mechanism to pharmacological interventions. <i>Cellular Signalling</i> , 2022, 94, 110323.	1.7	15
35	Acetyl-CoA production by specific metabolites promotes cardiac repair after myocardial infarction via histone acetylation. <i>ELife</i> , 2021, 10, .	2.8	21
36	Controversial molecular functions of <sc>CBS</sc> versus <sc>nonâ€CBS</sc> domain variants of <i>PRKAG2</i> in arrhythmia and cardiomyopathy: A case report and literature review. <i>Molecular Genetics & Genomic Medicine</i> , 2022, , e1962.	0.6	1
37	Genetic impairment of succinate metabolism disrupts bioenergetic sensing in adrenal neuroendocrine cancer. <i>Cell Reports</i> , 2022, 40, 111218.	2.9	8
38	Revelment study on the regulation of lipid metabolism by Lingguizhugan Decoction in heart failure treatment based on integrated lipidomics and proteomics. <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114066.	2.5	2
39	Potential Mechanisms Between HF and COPD: New Insights From Bioinformatics. <i>Current Problems in Cardiology</i> , 2023, 48, 101539.	1.1	2
40	Metformin preconditioning protects against myocardial stunning and preserves protein translation in a mouse model of cardiac arrest. , 2023, 4, 100034.		3

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41	Characterizing Adrenergic Regulation of Glucose Transporter 4-Mediated Glucose Uptake and Metabolism in the Heart. JACC Basic To Translational Science, 2023, , .	1.9	2