

CITATION REPORT

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Metabolic dysfunction in diabetic cardiomyopathy

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#	Paper	IF	Citations
90	Diabetic Cardiomyopathy in the Elderly. <i>Current Cardiovascular Risk Reports</i> , 2013 , 7, 490-494	0.9	1
89	Predictors of mortality in acute heart failure: interaction between diabetes and impaired left ventricular ejection fraction. <i>European Journal of Heart Failure</i> , 2014 , 16, 1183-9	12.3	16
88	Glucose and fatty acid metabolism in infarcted heart from streptozotocin-induced diabetic rats after 2 weeks of tissue remodeling. <i>Cardiovascular Diabetology</i> , 2015 , 14, 149	8.7	23
87	Effects of berberine on amelioration of hyperglycemia and oxidative stress in high glucose and high fat diet-induced diabetic hamsters in vivo. <i>BioMed Research International</i> , 2015 , 2015, 313808	3	37
86	Targeting caveolin-3 for the treatment of diabetic cardiomyopathy. <i>Pharmacology & Therapeutics</i> , 2015 , 151, 50-71	13.9	14
85	Irbesartan ameliorates diabetic cardiomyopathy by regulating protein kinase D and ER stress activation in a type 2 diabetes rat model. <i>Pharmacological Research</i> , 2015 , 93, 43-51	10.2	29
84	Ubiquinol reduces muscle wasting but not fatigue in tumor-bearing mice. <i>Biological Research for Nursing</i> , 2015 , 17, 321-9	2.6	5
83	Increasing Pyruvate Dehydrogenase Flux as a Treatment for Diabetic Cardiomyopathy: A Combined ¹³ C Hyperpolarized Magnetic Resonance and Echocardiography Study. <i>Diabetes</i> , 2015 , 64, 2735-43	0.9	68
82	Muscle ring finger-3 protects against diabetic cardiomyopathy induced by a high fat diet. <i>BMC Endocrine Disorders</i> , 2015 , 15, 36	3.3	14
81	Interplay of oxidative, nitrosative/nitrative stress, inflammation, cell death and autophagy in diabetic cardiomyopathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 232-42	6.9	192
80	New Molecular Insights of Insulin in Diabetic Cardiomyopathy. <i>Frontiers in Physiology</i> , 2016 , 7, 125	4.6	59
79	Cardiomyocyte GTP Cyclohydrolase 1 Protects the Heart Against Diabetic Cardiomyopathy. <i>Scientific Reports</i> , 2016 , 6, 27925	4.9	17
78	Mitochondrial aldehyde dehydrogenase 2 deficiency aggravates energy metabolism disturbance and diastolic dysfunction in diabetic mice. <i>Journal of Molecular Medicine</i> , 2016 , 94, 1229-1240	5.5	32
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76	Comparison of sulfur transferases in various tissue and mitochondria of rats with type 1 diabetes mellitus induced by streptozotocin. <i>International Journal of Diabetes in Developing Countries</i> , 2016 , 36, 4-9	0.8	
75	Insulin resistance and hyperinsulinaemia in diabetic cardiomyopathy. <i>Nature Reviews Endocrinology</i> , 2016 , 12, 144-53	15.2	383
74	Scriptaid enhances skeletal muscle insulin action and cardiac function in obese mice. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 936-943	6.7	13

73	Fortunellin protects against high fructose-induced diabetic heart injury in mice by suppressing inflammation and oxidative stress via AMPK/Nrf-2 pathway regulation. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 552-559	3.4	30
72	Biological properties of cardiac mesenchymal stem cells in rats with diabetic cardiomyopathy. <i>Life Sciences</i> , 2017 , 188, 45-52	6.8	8
71	The impact of growth hormone on proteomic profiles: a review of mouse and adult human studies. <i>Clinical Proteomics</i> , 2017 , 14, 24	5	10
70	Derangement of calcium metabolism in diabetes mellitus: negative outcome from the synergy between impaired bone turnover and intestinal calcium absorption. <i>Journal of Physiological Sciences</i> , 2017 , 67, 71-81	2.3	26
69	Inhibition of miR-186-5p contributes to high glucose-induced injury in AC16 cardiomyocytes. <i>Experimental and Therapeutic Medicine</i> , 2018 , 15, 627-632	2.1	12
68	Targeting Metabolic Modulation and Mitochondrial Dysfunction in the Treatment of Heart Failure. <i>Diseases (Basel, Switzerland)</i> , 2017 , 5,	4.4	27
67	Cardiac Dysfunction and Metabolic Inflexibility in a Mouse Model of Diabetes Without Dyslipidemia. <i>Diabetes</i> , 2018 , 67, 1057-1067	0.9	17
66	MRI-measured myocardial iron load in patients with severe diabetic heart failure. <i>Clinical Radiology</i> , 2018 , 73, 324.e1-324.e7	2.9	0
65	SGLT2 inhibition and heart failure-current concepts. <i>Heart Failure Reviews</i> , 2018 , 23, 409-418	5	21
64	Hyperglycemia-induced cardiac contractile dysfunction in the diabetic heart. <i>Heart Failure Reviews</i> , 2018 , 23, 37-54	5	27
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62	Profile of cardiac lipid metabolism in STZ-induced diabetic mice. <i>Lipids in Health and Disease</i> , 2018 , 17, 231	4.4	17
61	The Chinese Herb Yi-Qi-Huo-Xue Protects Cardiomyocyte Function in Diabetic Cardiomyopathy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 7316840	2.3	1
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50	Matrine improves diabetic cardiomyopathy through TGF- β -induced protein kinase RNA-like endoplasmic reticulum kinase signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 13573-13582	4.7	8
49	Obesity-induced activation of JunD promotes myocardial lipid accumulation and metabolic cardiomyopathy. <i>European Heart Journal</i> , 2019 , 40, 997-1008	9.5	40
48	Mechanisms underlying electro-mechanical dysfunction in the Zucker diabetic fatty rat heart: a model of obesity and type 2 diabetes. <i>Heart Failure Reviews</i> , 2020 , 25, 873-886	5	2
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45	The Potential Role of MicroRNA in Diabetic Cardiomyopathy. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 54-55	5	0
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43	In silico design novel (5-imidazol-2-yl-4-phenylpyrimidin-2-yl)[2-(2-pyridylamino)ethyl]amine derivatives as inhibitors for glycogen synthase kinase 3 based on 3D-QSAR, molecular docking and molecular dynamics simulation. <i>Computational Biology and Chemistry</i> , 2020 , 88, 107328	3.6	4
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- 1 Insights into SGLT2 inhibitor treatment of diabetic cardiomyopathy: focus on the mechanisms. **2023**
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