

CITATION REPORT

List of articles citing

Downregulation of carnitine acyl-carnitine translocase by miRNAs 132 and 212 amplifies glucose-stimulated insulin secretion

DOI: 10.2337/db13-1677
Diabetes, 2014, 63, 3805-14.

Source: <https://exaly.com/paper-pdf/59535539/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
42	microRNA: Basic Science. <i>Advances in Experimental Medicine and Biology</i> , 2015 ,	3.6	1
41	microRNAs in Pancreatic β Cell Physiology. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 887, 101-17	3.6	8
40	MicroRNAs and the functional β cell mass: For better or worse. <i>Diabetes and Metabolism</i> , 2015 , 41, 369-77	5.4	21
39	Induction of miR-132 and miR-212 Expression by Glucagon-Like Peptide 1 (GLP-1) in Rodent and Human Pancreatic β Cells. <i>Molecular Endocrinology</i> , 2015 , 29, 1243-53		39
38	Role of islet microRNAs in diabetes: which model for which question?. <i>Diabetologia</i> , 2015 , 58, 456-63	10.3	42
37	Nutritional and Hormonal Regulation of Citrate and Carnitine/Acylcarnitine Transporters: Two Mitochondrial Carriers Involved in Fatty Acid Metabolism. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	18
36	New emerging tasks for microRNAs in the control of β cell activities. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 2121-2129	5	29
35	MicroRNAs in heart failure: Non-coding regulators of metabolic function. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 2276-2287	6.9	10
34	When β cells fail: lessons from dedifferentiation. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18 Suppl 1, 117-22	6.7	55
33	FoxO1 Deacetylation Decreases Fatty Acid Oxidation in β Cells and Sustains Insulin Secretion in Diabetes. <i>Journal of Biological Chemistry</i> , 2016 , 291, 10162-72	5.4	28
32	Genetic risk variants for metabolic traits in Arab populations. <i>Scientific Reports</i> , 2017 , 7, 40988	4.9	18
31	Mitochondrial miRNAs in diabetes: just the tip of the iceberg. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 1156-1162	2.4	27
30	Fine Mapping and Functional Analysis Reveal a Role of SLC22A1 in Acylcarnitine Transport. <i>American Journal of Human Genetics</i> , 2017 , 101, 489-502	11	34
29	Acute and long-term administration of palmitoylecarnitine induces muscle-specific insulin resistance in mice. <i>BioFactors</i> , 2017 , 43, 718-730	6.1	14
28	miRNAs: Nanomachines That Micromanage the Pathophysiology of Diabetes Mellitus. <i>Advances in Clinical Chemistry</i> , 2017 , 82, 199-264	5.8	10
27	MiRNA Deregulation in Cardiac Aging and Associated Disorders. <i>International Review of Cell and Molecular Biology</i> , 2017 , 334, 207-263	6	18
26	Interplay of mitochondrial metabolism and microRNAs. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 631-646	10.3	60

25	Pathophysiological understanding of HFpEF: microRNAs as part of the puzzle. <i>Cardiovascular Research</i> , 2018 , 114, 782-793	9.9	30
24	Glucagon Like Peptide 1 and MicroRNA in Metabolic Diseases: Focusing on GLP1 Action on miRNAs. <i>Frontiers in Endocrinology</i> , 2018 , 9, 719	5.7	12
23	Genome-wide profiling of histone H3K27 acetylation featured fatty acid signalling in pancreatic beta cells in diet-induced obesity in mice. <i>Diabetologia</i> , 2018 , 61, 2608-2620	10.3	23
22	Noncoding RNAs Carried by Extracellular Vesicles in Endocrine Diseases. <i>International Journal of Endocrinology</i> , 2018 , 2018, 4302096	2.7	11
21	Changes in Host Response to Infection Associated With Type 2 Diabetes: Beyond Hyperglycemia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 342	5.9	14
20	Human mitochondrial carnitine acylcarnitine carrier: Molecular target of dietary bioactive polyphenols from sweet cherry (<i>Prunus avium</i> L.). <i>Chemico-Biological Interactions</i> , 2019 , 307, 179-185	5	5
19	The small RNA microRNA-212 regulates sirtuin 2 expression in a cellular model of oxygen-glucose deprivation. <i>NeuroReport</i> , 2019 , 30, 1184-1190	1.7	2
18	Lipid-associated metabolic signalling networks in pancreatic beta cell function. <i>Diabetologia</i> , 2020 , 63, 10-20	10.3	26
17	Roles of Noncoding RNAs in Islet Biology. <i>Comprehensive Physiology</i> , 2020 , 10, 893-932	7.7	6
16	Role of miRNAs in the pathogenesis of T2DM, insulin secretion, insulin resistance, and β cell dysfunction: the story so far. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 485-502	5	11
15	Carnitine Traffic in Cells. Link With Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 583850	5.7	10
14	ncRNAs: New Players in Mitochondrial Health and Disease?. <i>Frontiers in Genetics</i> , 2020 , 11, 95	4.5	27
13	Energy Metabolism Mitochondrial Transporters of the Solute Carrier 25 (SLC25) Superfamily. 2021 , 213-243		1
12	Insulin resistance is independently associated with cardiovascular autonomic neuropathy in type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 1651-1662	3.9	1
11	The Mitochondrial Carnitine Acyl-carnitine Carrier (SLC25A20): Molecular Mechanisms of Transport, Role in Redox Sensing and Interaction with Drugs. <i>Biomolecules</i> , 2021 , 11,	5.9	5
10	Highland barley tea represses palmitic acid-induced apoptosis and mitochondrial dysfunction via regulating AMPK/SIRT3/FoxO3a in myocytes. <i>Food Bioscience</i> , 2021 , 40, 100893	4.9	2
9	M1 macrophage-derived exosomes impair beta cell insulin secretion via miR-212-5p by targeting SIRT2 and inhibiting Akt/GSK-3 β /E-catenin pathway in mice. <i>Diabetologia</i> , 2021 , 64, 2037-2051	10.3	9
8	MitomiRs Keep the Heart Beating. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 982, 431-450	3.6	6

7	Synergy of circulating miR-212 with markers for cardiovascular risks to enhance estimation of atherosclerosis presence. <i>PLoS ONE</i> , 2017 , 12, e0177809	3.7	12
6	AAV8-mediated gene transfer of microRNA-132 improves beta cell function in mice fed a high-fat diet. <i>Journal of Endocrinology</i> , 2019 , 240, 123-132	4.7	8
5	Current Approaches in Diabetes Mellitus Prediction: Applications of Machine Learning and Emerging Biomarkers. 2020 , 893-906		
4	Resveratrol Treatment Induces Mito-miRNome Modification in Follicular Fluid from Aged Women with a Poor Prognosis for In Vitro Fertilization Cycles. <i>Antioxidants</i> , 2022 , 11, 1019	7.1	0
3	Acylcarnitines: Nomenclature, Biomarkers, Therapeutic Potential, Drug Targets, and Clinical Trials. <i>Pharmacological Reviews</i> , 2022 , 74, 506-551	22.5	3
2	Cardiac Metabolism and MiRNA Interference. 2023 , 24, 50		1
1	A change of heart: understanding the mechanisms regulating cardiac proliferation and metabolism before and after birth. 2023 , 601, 1319-1341		0