

# Qutuba G Karwi

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,520  
citations

430442

18  
h-index

580395

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Energy Metabolism in Heart Failure. <i>Circulation Research</i> , 2021, 128, 1487-1513.	2.0	433
2	Loss of Metabolic Flexibility in the Failing Heart. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 68.	1.1	258
3	Impaired branched chain amino acid oxidation contributes to cardiac insulin resistance in heart failure. <i>Cardiovascular Diabetology</i> , 2019, 18, 86.	2.7	102
4	Targeting the glucagon receptor improves cardiac function and enhances insulin sensitivity following a myocardial infarction. <i>Cardiovascular Diabetology</i> , 2019, 18, 1.	2.7	98
5	AP39, a mitochondria-targeting hydrogen sulfide (H <sub>2</sub> S) donor, protects against myocardial reperfusion injury independently of salvage kinase signalling. <i>British Journal of Pharmacology</i> , 2017, 174, 287-301.	2.7	69
6	Ketones can become the major fuel source for the heart but do not increase cardiac efficiency. <i>Cardiovascular Research</i> , 2021, 117, 1178-1187.	1.8	55
7	Pharmacological postconditioning against myocardial infarction with a slow-releasing hydrogen sulfide donor, GYY4137. <i>Pharmacological Research</i> , 2016, 111, 442-451.	3.1	54
8	Ketone metabolism in the failing heart. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158813.	1.2	50
9	Influence of Molecular Weight and Degree of Deacetylation of Low Molecular Weight Chitosan on the Bioactivity of Oral Insulin Preparations. <i>Marine Drugs</i> , 2015, 13, 1710-1725.	2.2	49
10	Pre- and postconditioning the heart with hydrogen sulfide (H <sub>2</sub> S) against ischemia/reperfusion injury in vivo: a systematic review and meta-analysis. <i>Basic Research in Cardiology</i> , 2018, 113, 6.	2.5	44
11	Adropin regulates cardiac energy metabolism and improves cardiac function and efficiency. <i>Metabolism: Clinical and Experimental</i> , 2019, 98, 37-48.	1.5	42
12	Myocardial Ketones Metabolism in Heart Failure. <i>Journal of Cardiac Failure</i> , 2020, 26, 998-1005.	0.7	36
13	Weight loss enhances cardiac energy metabolism and function in heart failure associated with obesity. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1944-1955.	2.2	31
14	Insulin directly stimulates mitochondrial glucose oxidation in the heart. <i>Cardiovascular Diabetology</i> , 2020, 19, 207.	2.7	29
15	Cardiac-specific deficiency of the mitochondrial calcium uniporter augments fatty acid oxidation and functional reserve. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 223-231.	0.9	27
16	Allosteric, transcriptional and post-translational control of mitochondrial energy metabolism. <i>Biochemical Journal</i> , 2019, 476, 1695-1712.	1.7	25
17	Concurrent diabetes and heart failure: interplay and novel therapeutic approaches. <i>Cardiovascular Research</i> , 2022, 118, 686-715.	1.8	24
18	Branched-Chain Amino Acid Metabolism in the Failing Heart. <i>Cardiovascular Drugs and Therapy</i> , 2023, 37, 413-420.	1.3	23

#	ARTICLE	IF	CITATIONS
19	The Contribution of Cardiac Fatty Acid Oxidation to Diabetic Cardiomyopathy Severity. <i>Cells</i> , 2021, 10, 3259.	1.8	20
20	Metabolic, structural and biochemical changes in diabetes and the development of heart failure. <i>Diabetologia</i> , 2022, 65, 411-423.	2.9	19
21	Deletion of BCATm increases insulin-stimulated glucose oxidation in the heart. <i>Metabolism: Clinical and Experimental</i> , 2021, 124, 154871.	1.5	18
22	CrossTalk proposal: Ketone bodies are an important metabolic fuel for the heart. <i>Journal of Physiology</i> , 2022, 600, 1001-1004.	1.3	10
23	Rebuttal from Gary D. Lopaschuk and Qutuba G. Karwi. <i>Journal of Physiology</i> , 2022, 600, 1009-1009.	1.3	1
24	379-P: Aldose Reductase Inhibition by AT-001 Prevents Diabetic Cardiomyopathy via Reducing Myocardial Fatty Acid Oxidation Rates. <i>Diabetes</i> , 2021, 70, 379-P.	0.3	1
25	Postconditioning with H <sub>2</sub> S donors: effect on reperfusion-induced ventricular arrhythmias. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 142.	0.9	0
26	Caloric restriction limits fatty acid oxidation and improves cardiac function in heart failure associated with obesity. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 124, 99.	0.9	0
27	Abstract 856: Mitochondrial Protein Kinase B (akt) Translocation Mediates Insulin-stimulated Cardiac Glucose Oxidation. <i>Circulation Research</i> , 2019, 125, .	2.0	0