

Natasha Fillmore

List of Publications by Year in descending order

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papers

922
citations

516710

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docs citations

27
times ranked

1800
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac specific knock-down of peroxisome proliferator activated receptor β prevents fasting-induced cardiac lipid accumulation and reduces perilipin 2. PLoS ONE, 2022, 17, e0265007.	2.5	5
2	Malonyl CoA Decarboxylase Inhibition Improves Cardiac Function Post-Myocardial Infarction. JACC Basic To Translational Science, 2019, 4, 385-400.	4.1	37
3	A knock-in mutation at cysteine 144 of TRIM72 is cardioprotective and reduces myocardial TRIM72 release. Journal of Molecular and Cellular Cardiology, 2019, 136, 95-101.	1.9	5
4	Human Relaxin α 2 Fusion Protein Treatment Prevents and Reverses Isoproterenol α -Induced Hypertrophy and Fibrosis in Mouse Heart. Journal of the American Heart Association, 2019, 8, e013465.	3.7	14
5	Cytosolic carnitine acetyltransferase as a source of cytosolic acetyl-CoA: a possible mechanism for regulation of cardiac energy metabolism. Biochemical Journal, 2018, 475, 959-976.	3.7	26
6	Uncoupling of glycolysis from glucose oxidation accompanies the development of heart failure with preserved ejection fraction. Molecular Medicine, 2018, 24, 3.	4.4	72
7	Cardiac branched-chain amino acid oxidation is reduced during insulin resistance in the heart. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E1046-E1052.	3.5	44
8	A Systems Biology Approach to Investigating Sex Differences in Cardiac Hypertrophy. Journal of the American Heart Association, 2017, 6, .	3.7	14
9	Sex differences in metabolic cardiomyopathy. Cardiovascular Research, 2017, 113, 370-377.	3.8	42
10	Genetic and Pharmacological Inhibition of Malonyl CoA Decarboxylase Does Not Exacerbate Age-Related Insulin Resistance in Mice. Diabetes, 2016, 65, 1883-1891.	0.6	13
11	Accumulation of ceramide in slow α -twitch muscle contributes to the development of insulin resistance in the obese JCR:LA α rat. Experimental Physiology, 2015, 100, 730-741.	2.0	10
12	Effect of Fatty Acids on Human Bone Marrow Mesenchymal Stem Cell Energy Metabolism and Survival. PLoS ONE, 2015, 10, e0120257.	2.5	60
13	Na $^{+}$ /H $^{+}$ Exchanger Isoform 1-Induced Osteopontin Expression Facilitates Cardiomyocyte Hypertrophy. PLoS ONE, 2015, 10, e0123318.	2.5	10
14	Malonyl CoA: A promising target for the treatment of cardiac disease. IUBMB Life, 2014, 66, 139-146.	3.4	21
15	Treatment with the 3-Ketoacyl-CoA Thiolase Inhibitor Trimetazidine Does Not Exacerbate Whole-Body Insulin Resistance in Obese Mice. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 487-496.	2.5	17
16	The link between pediatric heart failure and mitochondrial lipids. Journal of Molecular and Cellular Cardiology, 2014, 76, 71-72.	1.9	4
17	Obesity-induced lysine acetylation increases cardiac fatty acid oxidation and impairs insulin signalling. Cardiovascular Research, 2014, 103, 485-497.	3.8	175
18	Trimetazidine Therapy Prevents Obesity-Induced Cardiomyopathy in Mice. Canadian Journal of Cardiology, 2014, 30, 940-944.	1.7	26

#	ARTICLE	IF	CITATIONS
19	The effects of chronic AMPK activation on hepatic triglyceride accumulation and glycerol 3-phosphate acyltransferase activity with high fat feeding. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, 29.	2.7	42
20	Targeting mitochondrial oxidative metabolism as an approach to treat heart failure. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 857-865.	4.1	111
21	Inhibition of malonyl-CoA decarboxylase reduces the inflammatory response associated with insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1459-E1468.	3.5	19
22	Inhibition of Serine Palmitoyl Transferase I Reduces Cardiac Ceramide Levels and Increases Glycolysis Rates following Diet-Induced Insulin Resistance. <i>PLoS ONE</i> , 2012, 7, e37703.	2.5	44
23	Reductions in RIP140 are not required for exercise- and AICAR-mediated increases in skeletal muscle mitochondrial content. <i>Journal of Applied Physiology</i> , 2011, 111, 688-695.	2.5	18
24	Chronic activation of AMPK limits hepatic triglyceride accumulation independent of changes in total glycerolâ€³â€³phosphateâ€³â€³acyltransferase activity. <i>FASEB Journal</i> , 2011, 25, 1117.10.	0.5	0
25	Effects of excess corticosterone on LKB1 and AMPK signaling in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2010, 108, 298-305.	2.5	12
26	Skeletal muscle dysfunction in muscle-specific LKB1 knockout mice. <i>Journal of Applied Physiology</i> , 2010, 108, 1775-1785.	2.5	37
27	Chronic AMP-activated protein kinase activation and a high-fat diet have an additive effect on mitochondria in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2010, 109, 511-520.	2.5	44