Ryan D Sheldon

List of Publications by Year in Descending Order

17 papers	386 citations	12 h-index	18 g-index
18 ext. papers	514 ext. citations	5.8 avg, IF	3.14 L-index

#	Paper	IF	Citations
17	Small molecule SWELL1 complex induction improves glycemic control and nonalcoholic fatty liver disease in murine Type 2 diabetes.. *Nature Communications*, **2022**, 13, 784	17.4	1
16	Critical Role for Hepatocyte-Specific eNOS in NAFLD and NASH. *Diabetes*, **2021**, 70, 2476-2491	0.9	3
15	The Emerging Role of Hepatocellular eNOS in Non-alcoholic Fatty Liver Disease Development. *Frontiers in Physiology*, **2020**, 11, 767	4.6	2
14	Disrupting Mitochondrial Pyruvate Uptake Directs Glutamine into the TCA Cycle away from Glutathione Synthesis and Impairs Hepatocellular Tumorigenesis. *Cell Reports*, **2019**, 28, 2608-2619.e6	10.6	36
13	eNOS deletion impairs mitochondrial quality control and exacerbates Western diet-induced NASH. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 317, E605-E616	6	11
12	Impaired skeletal muscle mitochondrial pyruvate uptake rewires glucose metabolism to drive whole-body leanness. *ELife*, **2019**, 8,	8.9	28
11	Oxaloacetic acid mediates ADP-dependent inhibition of mitochondrial complex II-driven respiration. *Journal of Biological Chemistry*, **2018**, 293, 19932-19941	5.4	17
10	ER Stress Inhibits Liver Fatty Acid Oxidation while Unmitigated Stress Leads to Anorexia-Induced Lipolysis and Both Liver and Kidney Steatosis. *Cell Reports*, **2017**, 19, 1794-1806	10.6	44
9	The mitochondrial pyruvate carrier mediates high fat diet-induced increases in hepatic TCA cycle capacity. *Molecular Metabolism*, **2017**, 6, 1468-1479	8.8	39
8	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. *Journal of Physiology*, **2016**, 594, 5271-84	3.9	31
7	Ablation of eNOS does not promote adipose tissue inflammation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 310, R744-51	3.2	7
6	Chronic NOS inhibition accelerates NAFLD progression in an obese rat model. *American Journal of Physiology - Renal Physiology*, **2015**, 308, G540-9	5.1	20
5	Reduced hepatic eNOS phosphorylation is associated with NAFLD and type 2 diabetes progression and is prevented by daily exercise in hyperphagic OLETF rats. *Journal of Applied Physiology*, **2014**, 116, 1156-64	3.7	17
4	Differential regulation of adipose tissue and vascular inflammatory gene expression by chronic systemic inhibition of NOS in lean and obese rats. *Physiological Reports*, **2014**, 2, e00225	2.6	14
3	New insights into the physiologic basis for intermittent pneumatic limb compression as a therapeutic strategy for peripheral artery disease. *Journal of Vascular Surgery*, **2013**, 58, 1688-96	3.5	19
2	Acute impact of intermittent pneumatic leg compression frequency on limb hemodynamics, vascular function, and skeletal muscle gene expression in humans. *Journal of Applied Physiology*, **2012**, 112, 2099-109	3.7	28
1	Impact of acute exposure to increased hydrostatic pressure and reduced shear rate on conduit artery endothelial function: a limb-specific response. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H1103-8	5.2	69