

Heather L Petrick

List of Publications by Citations

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

15
papers

114
citations

8
h-index

10
g-index

18
ext. papers

178
ext. citations

4.8
avg, IF

3.24
L-index

#	Paper	IF	Citations
15	Blood flow restricted resistance exercise and reductions in oxygen tension attenuate mitochondrial H ₂ O emission rates in human skeletal muscle. <i>Journal of Physiology</i> , 2019 , 597, 3985-3997	3.9	19
14	Short-term bed rest-induced insulin resistance cannot be explained by increased mitochondrial H ₂ O emission. <i>Journal of Physiology</i> , 2020 , 598, 123-137	3.9	16
13	In vitro ketone-supported mitochondrial respiration is minimal when other substrates are readily available in cardiac and skeletal muscle. <i>Journal of Physiology</i> , 2020 , 598, 4869-4885	3.9	14
12	High intensity exercise inhibits carnitine palmitoyltransferase-I sensitivity to l-carnitine. <i>Biochemical Journal</i> , 2019 , 476, 547-558	3.8	12
11	Low-load resistance training to task failure with and without blood flow restriction: muscular functional and structural adaptations. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R284-R295	3.2	11
10	Long-term, high-fat feeding exacerbates short-term increases in adipose mitochondrial reactive oxygen species, without impairing mitochondrial respiration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E376-E387	6	9
9	Nitrate attenuates high fat diet-induced glucose intolerance in association with reduced epididymal adipose tissue inflammation and mitochondrial reactive oxygen species emission. <i>Journal of Physiology</i> , 2020 , 598, 3357-3371	3.9	9
8	Adipose Tissue Inflammation Is Directly Linked to Obesity-Induced Insulin Resistance, while Gut Dysbiosis and Mitochondrial Dysfunction Are Not Required. <i>Function</i> , 2020 , 1, zqaa013	6.1	8
7	Acute insulin deprivation results in altered mitochondrial substrate sensitivity conducive to greater fatty acid transport. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E345-E353	6	6
6	Insulin rapidly increases skeletal muscle mitochondrial ADP sensitivity in the absence of a high lipid environment. <i>Biochemical Journal</i> , 2021 , 478, 2539-2553	3.8	5
5	Independent of mitochondrial respiratory function, dietary nitrate attenuates HFD-induced lipid accumulation and mitochondrial ROS emission within the liver. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E217-E228	6	2
4	The regulation of mitochondrial substrate utilization during acute exercise. <i>Current Opinion in Physiology</i> , 2019 , 10, 75-80	2.6	1
3	Skeletal muscle AMPK activation: mounting evidence against a role in substrate utilization during acute exercise. <i>Journal of Physiology</i> , 2020 , 598, 5017-5019	3.9	1
2	Nitrate consumption preserves HFD-induced skeletal muscle mitochondrial ADP sensitivity and lysine acetylation: A potential role for SIRT1.. <i>Redox Biology</i> , 2022 , 52, 102307	11.3	0
1	The importance of exercise intensity, volume and metabolic signalling events in the induction of mitochondrial biogenesis. <i>Journal of Physiology</i> , 2018 , 596, 4571-4572	3.9	