

# Heather L Petrick

## List of Publications by Year in Descending Order

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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	Nitrate consumption preserves HFD-induced skeletal muscle mitochondrial ADP sensitivity and lysine acetylation: A potential role for SIRT1.. <i>Redox Biology</i> , <b>2022</b> , 52, 102307	11.3	0
14	Insulin rapidly increases skeletal muscle mitochondrial ADP sensitivity in the absence of a high lipid environment. <i>Biochemical Journal</i> , <b>2021</b> , 478, 2539-2553	3.8	5
13	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> , <b>2021</b> , 321, E217-E228	6	2
12	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> , <b>2020</b> , 319, E376-E387	6	9
11	Acute insulin deprivation results in altered mitochondrial substrate sensitivity conducive to greater fatty acid transport. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 319, E345-E353	6	6
10	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> , <b>2020</b> , 598, 3357-3371	3.9	9
9	Short-term bed rest-induced insulin resistance cannot be explained by increased mitochondrial H <sub>2</sub> O <sub>2</sub> emission. <i>Journal of Physiology</i> , <b>2020</b> , 598, 123-137	3.9	16
8	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> , <b>2020</b> , 318, R284-R295	3.2	11
7	Skeletal muscle AMPK activation: mounting evidence against a role in substrate utilization during acute exercise. <i>Journal of Physiology</i> , <b>2020</b> , 598, 5017-5019	3.9	1
6	In vitro ketone-supported mitochondrial respiration is minimal when other substrates are readily available in cardiac and skeletal muscle. <i>Journal of Physiology</i> , <b>2020</b> , 598, 4869-4885	3.9	14
5	Adipose Tissue Inflammation Is Directly Linked to Obesity-Induced Insulin Resistance, while Gut Dysbiosis and Mitochondrial Dysfunction Are Not Required. <i>Function</i> , <b>2020</b> , 1, zqaa013	6.1	8
4	The regulation of mitochondrial substrate utilization during acute exercise. <i>Current Opinion in Physiology</i> , <b>2019</b> , 10, 75-80	2.6	1
3	Blood flow restricted resistance exercise and reductions in oxygen tension attenuate mitochondrial H <sub>2</sub> O <sub>2</sub> emission rates in human skeletal muscle. <i>Journal of Physiology</i> , <b>2019</b> , 597, 3985-3997	3.9	19
2	High intensity exercise inhibits carnitine palmitoyltransferase-I sensitivity to l-carnitine. <i>Biochemical Journal</i> , <b>2019</b> , 476, 547-558	3.8	12
1	The importance of exercise intensity, volume and metabolic signalling events in the induction of mitochondrial biogenesis. <i>Journal of Physiology</i> , <b>2018</b> , 596, 4571-4572	3.9	