

Matthew T Lewis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7458837/matthew-t-lewis-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

13
papers

72
citations

7
h-index

8
g-index

16
ext. papers

119
ext. citations

3
avg, IF

2.45
L-index

#	Paper	IF	Citations
13	Quantification of Mitochondrial Oxidative Phosphorylation in Metabolic Disease: Application to Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
12	Type 2 diabetes mellitus in the Goto-Kakizaki rat impairs microvascular function and contributes to premature skeletal muscle fatigue. <i>Journal of Applied Physiology</i> , 2019 , 126, 626-637	3.7	10
11	Transient receptor potential vanilloid 4 channels are important regulators of parenchymal arteriole dilation and cognitive function. <i>Microcirculation</i> , 2019 , 26, e12535	2.9	9
10	Chronic atorvastatin and exercise can partially reverse established skeletal muscle microvasculopathy in metabolic syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H855-H870	5.2	9
9	Skeletal muscle performance in metabolic disease: Microvascular or mitochondrial limitation or both?. <i>Microcirculation</i> , 2019 , 26, e12517	2.9	8
8	Impact of presymptomatic COVID-19 on vascular and skeletal muscle function: a case study. <i>Journal of Applied Physiology</i> , 2021 , 130, 1961-1970	3.7	7
7	Obesity and inactivity, not hyperglycemia, cause exercise intolerance in individuals with type 2 diabetes: Solving the obesity and inactivity versus hyperglycemia causality dilemma. <i>Medical Hypotheses</i> , 2019 , 123, 110-114	3.8	7
6	Skeletal muscle energetics are compromised only during high-intensity contractions in the Goto-Kakizaki rat model of type 2 diabetes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R356-R368	3.2	4
5	The hypertension advantage and natural selection: Since type 2 diabetes associates with co-morbidities and premature death, why have the genetic variants remained in the human genome?. <i>Medical Hypotheses</i> , 2019 , 129, 109237	3.8	2
4	Measuring Mitochondrial Function: From Organelle to Organism. <i>Methods in Molecular Biology</i> , 2022 , 141-172	1.4	1
3	Shifted vascular optimization: the emergence of a new arteriolar behaviour with chronic metabolic disease. <i>Experimental Physiology</i> , 2020 , 105, 1431-1439	2.4	0
2	Acute high-intensity exercise and skeletal muscle mitochondrial respiratory function: role of metabolic perturbation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R687-R698	3.2	0
1	Skeletal Muscle Mitochondrial Function in Goto-Kakizaki Rat Model of Type 2 Diabetes. <i>FASEB Journal</i> , 2019 , 33, 701.7	0.9	