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List of Publications by Year
in descending order

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30	335	949033 11	993246 17
papers	citations	h-index	g-index

30	30	30	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A theoretical argument to support the biological benefits for insulin stimulating mitochondrial oxidative phosphorylation. Current Opinion in Physiology, 2022, 25, 100491.	0.9	1
2	Nitrate consumption preserves HFD-induced skeletal muscle mitochondrial ADP sensitivity and lysine acetylation: A potential role for SIRT1. Redox Biology, 2022, 52, 102307.	3.9	9
3	Impact of combined long-term fructose and prednisolone intake on glucose and lipid homeostasis in rats: benefits of intake interruption or fish oil administration. Journal of Nutritional Biochemistry, 2021, 90, 108572.	1.9	4
4	Insulin rapidly increases skeletal muscle mitochondrial ADP sensitivity in the absence of a high lipid environment. Biochemical Journal, 2021, 478, 2539-2553.	1.7	11
5	Independent of mitochondrial respiratory function, dietary nitrate attenuates HFD-induced lipid accumulation and mitochondrial ROS emission within the liver. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E217-E228.	1.8	8
6	Fission accomplished: Uncovering the role of Drp1 in regulating mitochondrial dysfunction and ageâ€related muscle atrophy. Journal of Physiology, 2021, 599, 4745-4747.	1.3	0
7	Hippocampal Function Is Impaired by a Short-Term High-Fat Diet in Mice: Increased Bloodâ€“Brain Barrier Permeability and Neuroinflammation as Triggering Events. Frontiers in Neuroscience, 2021, 15, 734158.	1.4	55
8	Mitochondrial ROS and Aging: Understanding Exercise as a Preventive Tool. Journal of Science in Sport and Exercise, 2020, 2, 15-24.	0.4	10
9	In vitro ketoneâ€supported mitochondrial respiration is minimal when other substrates are readily available in cardiac and skeletal muscle. Journal of Physiology, 2020, 598, 4869-4885.	1.3	32
10	Fructose Intake Impairs Cortical Antioxidant Defenses Allied to Hyperlocomotion in Middle-Aged C57BL/6 Female Mice. Neurochemical Research, 2020, 45, 2868-2883.	1.6	4
11	Adipose Tissue Inflammation Is Directly Linked to Obesity-Induced Insulin Resistance, while Gut Dysbiosis and Mitochondrial Dysfunction Are Not Required. Function, 2020, 1, zqaa013.	1.1	12
12	Long-term, high-fat feeding exacerbates short-term increases in adipose mitochondrial reactive oxygen species, without impairing mitochondrial respiration. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E376-E387.	1.8	19
13	Effect of mate tea consumption on rapid force production after eccentric exercise: a randomized, controlled, crossover study. Sport Sciences for Health, 2020, 16, 571-581.	0.4	3
14	Behavioral, cardiovascular and endocrine alterations induced by chronic stress in rats fed a high-fat diet. Physiology and Behavior, 2020, 223, 113013.	1.0	5
15	Nitrate attenuates high fat dietâ€induced glucose intolerance in association with reduced epididymal adipose tissue inflammation and mitochondrial reactive oxygen species emission. Journal of Physiology, 2020, 598, 3357-3371.	1.3	18
16	Mitochondria-associated ER membranes in glucose homeostasis and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E1053-E1060.	1.8	27
17	75-OR: Dietary Nitrate and Fecal Transplantation Prevent Cardiac Dysfunction and Attenuate Left Ventricular Mitochondrial Reactive Oxygen Species Emission in High-Fat Diet-Fed Mice. Diabetes, 2020, 69, 75-OR.	0.3	0
18	1739-P: Insulin Rapidly Increases Skeletal Muscle Mitochondrial ADP Sensitivity, Mitigating HFD-Induced Mitochondrial Dysfunction. Diabetes, 2020, 69, 1739-P.	0.3	0

#	Article	IF	Citations
19	1805-P: Dietary Nitrate Prevents High-Fat Diet-Induced Glucose Intolerance and Liver-Specific Reactive Oxygen Species Emission. Diabetes, 2020, 69, .	0.3	0
20	FREQUENCY OF GENE ACE I POLYMORPHISM I-D IN ATHLETES OF DIFFERENT SPORTS. Revista Brasileira De Medicina Do Esporte, 2020, 26, 107-112.	0.1	1
21	Effect of mate tea (Ilex paraguariensis) on the expression of the leukocyte NADPH oxidase subunit p47phox and on circulating inflammatory cytokines in healthy men: a pilot study. International Journal of Food Sciences and Nutrition, 2019, 70, 212-221.	1.3	18
22	Impact of glucocorticoid treatment before pregnancy on glucose homeostasis of offspring exposed to glucocorticoid in adult life. Life Sciences, 2019, 237, 116913.	2.0	6
23	Leucine increases muscle mitochondrial respiration and attenuates glucose intolerance in diet-induced obesity in Swiss mice. Journal of Functional Foods, 2019, 62, 103544.	1.6	7
24	Fish oil decreases the severity of treatment-related adverse events in gastrointestinal cancer patients undergoing chemotherapy: A randomized, placebo-controlled, triple-blind clinical trial. Clinical Nutrition ESPEN, 2019, 31, 61-70.	0.5	18
25	Decrement in resting and insulinâ€stimulated soleus muscle mitochondrial respiration is an early event in dietâ€induced obesity in mice. Experimental Physiology, 2019, 104, 306-321.	0.9	18
26	SAT-149 The Metabolic Impairments Caused by Fructose and Prednisolone Intake Are Reversible After the Interruption of Exposure. Journal of the Endocrine Society, 2019, 3, .	0.1	0
27	New tools for an old question: dependence of ATP and bicarbonate for branched-chain keto acids oxidation. Biochemical Journal, 2019, 476, 2235-2237.	1.7	0
28	Does l-leucine supplementation cause any effect on glucose homeostasis in rodent models of glucose intolerance? A systematic review. Amino Acids, 2018, 50, 1663-1678.	1.2	18
29	Effects of cotreatment with omega-3 polyunsaturated fatty acids and anticancer agents on oxidative stress parameters: a systematic review of in vitro, animal, and human studies. Nutrition Reviews, 2018, 76, 765-777.	2.6	9
30	Effects of mate tea consumption on muscle strength and oxidative stress markers after eccentric exercise. British Journal of Nutrition, 2016, 115, 1370-1378.	1.2	22