Filip J Larsen

List of Publications by Year in descending order

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FILID LLADSEN

#	Article	IF	CITATIONS
1	Dietary Inorganic Nitrate Improves Mitochondrial Efficiency in Humans. Cell Metabolism, 2011, 13, 149-159.	16.2	555
2	Dietary nitrate reduces maximal oxygen consumption while maintaining work performance in maximal exercise. Free Radical Biology and Medicine, 2010, 48, 342-347.	2.9	260
3	Excessive exercise training causes mitochondrial functional impairment and decreases glucose tolerance in healthy volunteers. Cell Metabolism, 2021, 33, 957-970.e6.	16.2	116
4	Superior Intrinsic Mitochondrial Respiration in Women Than in Men. Frontiers in Physiology, 2018, 9, 1133.	2.8	84
5	KCNMA1 Encoded Cardiac BK Channels Afford Protection against Ischemia-Reperfusion Injury. PLoS ONE, 2014, 9, e103402.	2.5	83
6	Blood Pressure–Lowering Effect of Orally Ingested Nitrite Is Abolished by a Proton Pump Inhibitor. Hypertension, 2017, 69, 23-31.	2.7	74
7	Regulation of mitochondrial function and energetics by reactive nitrogen oxides. Free Radical Biology and Medicine, 2012, 53, 1919-1928.	2.9	73
8	Dietary nitrate reduces resting metabolic rate: a randomized, crossover study in humans. American Journal of Clinical Nutrition, 2014, 99, 843-850.	4.7	72
9	Mitochondrial oxygen affinity predicts basal metabolic rate in humans. FASEB Journal, 2011, 25, 2843-2852.	0.5	67
10	Highâ€intensity sprint training inhibits mitochondrial respiration through aconitase inactivation. FASEB Journal, 2016, 30, 417-427.	0.5	64
11	The Physiological Mechanisms of Performance Enhancement with Sprint Interval Training Differ between the Upper and Lower Extremities in Humans. Frontiers in Physiology, 2016, 7, 426.	2.8	60
12	Effects of long-term dietary nitrate supplementation in mice. Redox Biology, 2015, 5, 234-242.	9.0	54
13	No Superior Adaptations to Carbohydrate Periodization in Elite Endurance Athletes. Medicine and Science in Sports and Exercise, 2017, 49, 2486-2497.	0.4	40
14	Complex I is bypassed during high intensity exercise. Nature Communications, 2019, 10, 5072.	12.8	32
15	A randomized clinical trial of the effects of leafy green vegetables and inorganic nitrate on blood pressure. American Journal of Clinical Nutrition, 2020, 111, 749-756.	4.7	32
16	Mitochondrial oxygen affinity increases after sprint interval training and is related to the improvement in peak oxygen uptake. Acta Physiologica, 2020, 229, e13463.	3.8	26
17	Influence of sex and fiber type on the satellite cell pool in human skeletal muscle. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 303-312.	2.9	24
18	Reliability of maximal mitochondrial oxidative phosphorylation in permeabilized fibers from the <i>vastus lateralis </i> employing high-resolution respirometry. Physiological Reports, 2018, 6, e13611.	1.7	22

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19	Cardiorespiratory fitness predicts insulin action and secretion in healthy individuals. Metabolism: Clinical and Experimental, 2012, 61, 12-16.	3.4	18
20	Control of human energy expenditure by cytochrome c oxidase subunit IV-2. American Journal of Physiology - Cell Physiology, 2016, 311, C452-C461.	4.6	18
21	Dietary nitrite extends lifespan and prevents age-related locomotor decline in the fruit fly. Free Radical Biology and Medicine, 2020, 160, 860-870.	2.9	13
22	Enhanced Skeletal Muscle Oxidative Capacity and Capillary-to-Fiber Ratio Following Moderately Increased Testosterone Exposure in Young Healthy Women. Frontiers in Physiology, 2020, 11, 585490.	2.8	10
23	Resistance Training with Co-ingestion of Anti-inflammatory Drugs Attenuates Mitochondrial Function. Frontiers in Physiology, 2017, 8, 1074.	2.8	9
24	Dynamic regulation of metabolic efficiency explains tolerance to acute hypoxia in humans. FASEB Journal, 2014, 28, 4303-4311.	0.5	8
25	Aerobic efficiency is associated with the improvement in maximal power output during acute hyperoxia. Physiological Reports, 2017, 5, e13119.	1.7	8
26	Short-term intensified training temporarily impairs mitochondrial respiratory capacity in elite endurance athletes. Journal of Applied Physiology, 2021, 131, 388-400.	2.5	8
27	Effects of Plyometric Training on Soft and Hard Surfaces for Improving Running Economy. Journal of Human Kinetics, 2021, 79, 187-196.	1.5	4