

Filip J Larsen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,834
citations

430442

18
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

2389
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary Inorganic Nitrate Improves Mitochondrial Efficiency in Humans. <i>Cell Metabolism</i> , 2011, 13, 149-159.	7.2	555
2	Dietary nitrate reduces maximal oxygen consumption while maintaining work performance in maximal exercise. <i>Free Radical Biology and Medicine</i> , 2010, 48, 342-347.	1.3	260
3	Excessive exercise training causes mitochondrial functional impairment and decreases glucose tolerance in healthy volunteers. <i>Cell Metabolism</i> , 2021, 33, 957-970.e6.	7.2	116
4	Superior Intrinsic Mitochondrial Respiration in Women Than in Men. <i>Frontiers in Physiology</i> , 2018, 9, 1133.	1.3	84
5	KCNMA1 Encoded Cardiac BK Channels Afford Protection against Ischemia-Reperfusion Injury. <i>PLoS ONE</i> , 2014, 9, e103402.	1.1	83
6	Blood Pressureâ€“Lowering Effect of Orally Ingested Nitrite Is Abolished by a Proton Pump Inhibitor. <i>Hypertension</i> , 2017, 69, 23-31.	1.3	74
7	Regulation of mitochondrial function and energetics by reactive nitrogen oxides. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1919-1928.	1.3	73
8	Dietary nitrate reduces resting metabolic rate: a randomized, crossover study in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 843-850.	2.2	72
9	Mitochondrial oxygen affinity predicts basal metabolic rate in humans. <i>FASEB Journal</i> , 2011, 25, 2843-2852.	0.2	67
10	Highâ€“intensity sprint training inhibits mitochondrial respiration through aconitase inactivation. <i>FASEB Journal</i> , 2016, 30, 417-427.	0.2	64
11	The Physiological Mechanisms of Performance Enhancement with Sprint Interval Training Differ between the Upper and Lower Extremities in Humans. <i>Frontiers in Physiology</i> , 2016, 7, 426.	1.3	60
12	Effects of long-term dietary nitrate supplementation in mice. <i>Redox Biology</i> , 2015, 5, 234-242.	3.9	54
13	No Superior Adaptations to Carbohydrate Periodization in Elite Endurance Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2486-2497.	0.2	40
14	Complex I is bypassed during high intensity exercise. <i>Nature Communications</i> , 2019, 10, 5072.	5.8	32
15	A randomized clinical trial of the effects of leafy green vegetables and inorganic nitrate on blood pressure. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 749-756.	2.2	32
16	Mitochondrial oxygen affinity increases after sprint interval training and is related to the improvement in peak oxygen uptake. <i>Acta Physiologica</i> , 2020, 229, e13463.	1.8	26
17	Influence of sex and fiber type on the satellite cell pool in human skeletal muscle. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 303-312.	1.3	24
18	Reliability of maximal mitochondrial oxidative phosphorylation in permeabilized fibers from the vastus lateralis employing high-resolution respirometry. <i>Physiological Reports</i> , 2018, 6, e13611.	0.7	22

#	ARTICLE	IF	CITATIONS
19	Cardiorespiratory fitness predicts insulin action and secretion in healthy individuals. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 12-16.	1.5	18
20	Control of human energy expenditure by cytochrome c oxidase subunit IV-2. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C452-C461.	2.1	18
21	Dietary nitrite extends lifespan and prevents age-related locomotor decline in the fruit fly. <i>Free Radical Biology and Medicine</i> , 2020, 160, 860-870.	1.3	13
22	Enhanced Skeletal Muscle Oxidative Capacity and Capillary-to-Fiber Ratio Following Moderately Increased Testosterone Exposure in Young Healthy Women. <i>Frontiers in Physiology</i> , 2020, 11, 585490.	1.3	10
23	Resistance Training with Co-ingestion of Anti-inflammatory Drugs Attenuates Mitochondrial Function. <i>Frontiers in Physiology</i> , 2017, 8, 1074.	1.3	9
24	Dynamic regulation of metabolic efficiency explains tolerance to acute hypoxia in humans. <i>FASEB Journal</i> , 2014, 28, 4303-4311.	0.2	8
25	Aerobic efficiency is associated with the improvement in maximal power output during acute hyperoxia. <i>Physiological Reports</i> , 2017, 5, e13119.	0.7	8
26	Short-term intensified training temporarily impairs mitochondrial respiratory capacity in elite endurance athletes. <i>Journal of Applied Physiology</i> , 2021, 131, 388-400.	1.2	8
27	Effects of Plyometric Training on Soft and Hard Surfaces for Improving Running Economy. <i>Journal of Human Kinetics</i> , 2021, 79, 187-196.	0.7	4