

Frédéric N Daussin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,962
citations

516561

16
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

8126
citing authors

#	ARTICLE	IF	CITATIONS
1	Is airway damage during physical exercise related to airway dehydration? Inputs from a computational model. <i>Journal of Applied Physiology</i> , 2022, 132, 1031-1040.	1.2	3
2	The intra-mitochondrial O-GlcNAcylation system rapidly modulates OXPHOS function and ROS release in the heart. <i>Communications Biology</i> , 2022, 5, 349.	2.0	17
3	Effects of (âˆ“)âˆ“)-epicatechin on mitochondria. <i>Nutrition Reviews</i> , 2021, 79, 25-41.	2.6	25
4	From mitochondria to sarcopenia: Role of inflammaging and RAGE-ligand axis implication. <i>Experimental Gerontology</i> , 2021, 146, 111247.	1.2	23
5	Dietary Cocoa Flavanols Enhance Mitochondrial Function in Skeletal Muscle and Modify Whole-Body Metabolism in Healthy Mice. <i>Nutrients</i> , 2021, 13, 3466.	1.7	5
6	Effect of Waters Enriched in O ₂ by Injection or Electrolysis on Performance and the Cardiopulmonary and Acidâˆ“Base Response to High Intensity Exercise. <i>Nutrients</i> , 2021, 13, 4320.	1.7	0
7	Muscle Oxygen Supply and Use in Type 1 Diabetes, From Ambient Air to the Mitochondrial Respiratory Chain: Is There a Limiting Step?. <i>Diabetes Care</i> , 2020, 43, 209-218.	4.3	22
8	Continuous exercise induces airway epithelium damage while a matched-intensity and volume intermittent exercise does not. <i>Respiratory Research</i> , 2019, 20, 12.	1.4	18
9	Relationships Between Isokinetic Shoulder Evaluation and Fitness Characteristics of Elite French Female Water-Polo Players. <i>Journal of Human Kinetics</i> , 2018, 64, 5-11.	0.7	9
10	Physiological comparison of intensityâˆ“controlled, isocaloric intermittent and continuous exercise^{âˆ“}. <i>European Journal of Sport Science</i> , 2018, 18, 1368-1375.	1.4	6
11	Effect of work:rest cycle duration on fluctuations during intermittent exercise. <i>Journal of Sports Sciences</i> , 2017, 35, 7-13.	1.0	7
12	Exercise-induced metabolic fluctuations influence AMPK, p38-MAPK and CaMKII phosphorylation in human skeletal muscle. <i>Physiological Reports</i> , 2015, 3, e12462.	0.7	84
13	Effect of eccentric versus concentric exercise training on mitochondrial function. <i>Muscle and Nerve</i> , 2014, 50, 803-811.	1.0	26
14	Different Timing of Changes in Mitochondrial Functions following Endurance Training. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 217-224.	0.2	39
15	AMPK Activation Stimulates Autophagy and Ameliorates Muscular Dystrophy in the mdx Mouse Diaphragm. <i>American Journal of Pathology</i> , 2012, 181, 583-592.	1.9	194
16	Opposite effects of statins on mitochondria of cardiac and skeletal muscles: a âˆ“mitohormesisâˆ“âˆ“™ mechanism involving reactive oxygen species and PGC-1. <i>European Heart Journal</i> , 2012, 33, 1397-1407.	1.0	203
17	Mitochondria of trained skeletal muscle are protected from deleterious effects of statins. <i>Muscle and Nerve</i> , 2012, 46, 367-373.	1.0	43
18	Peroxisome proliferatorâˆ“activated receptor Î² coactivator 1âˆ“ gene transfer restores mitochondrial biomass and improves mitochondrial calcium handling in postâˆ“necrotic mdx mouse skeletal muscle. <i>Journal of Physiology</i> , 2012, 590, 5487-5502.	1.3	66

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19	Cyclophilin \AA is dispensable for atrophy and mitochondrial apoptotic signalling in denervated muscle. <i>Journal of Physiology</i> , 2011, 589, 855-861.	1.3	5
20	Stress-induced opening of the permeability transition pore in the dystrophin-deficient heart is attenuated by acute treatment with sildenafil. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H144-H153.	1.5	77
21	Solving the Fick principle using whole body measurements can be used to discriminate \AA central \AA and \AA peripheral \AA adaptations to training. <i>European Journal of Applied Physiology</i> , 2008, 103, 733-735.	1.2	1
22	Effect of interval versus continuous training on cardiorespiratory and mitochondrial functions: relationship to aerobic performance improvements in sedentary subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R264-R272.	0.9	261
23	Training at high exercise intensity promotes qualitative adaptations of mitochondrial function in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2008, 104, 1436-1441.	1.2	83
24	Effect of angiotensin \AA converting enzyme inhibition on skeletal muscle oxidative function and exercise capacity in streptozotocin \AA induced diabetic rats. <i>Experimental Physiology</i> , 2007, 92, 1047-1056.	0.9	14
25	Improvement of $\dot{V}\text{O}_{2\text{max}}$ by cardiac output and oxygen extraction adaptation during intermittent versus continuous endurance training. <i>European Journal of Applied Physiology</i> , 2007, 101, 377-383.	1.2	128
26	Resveratrol Improves Mitochondrial Function and Protects against Metabolic Disease by Activating SIRT1 and PGC-1 β . <i>Cell</i> , 2006, 127, 1109-1122.	13.5	3,603