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List of Publications by Year
in descending order

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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	Resveratrol Improves Mitochondrial Function and Protects against Metabolic Disease by Activating SIRT1 and PGC-1Î±. Cell, 2006, 127, 1109-1122.	13.5	3,603
2	Effect of interval versus continuous training on cardiorespiratory and mitochondrial functions: relationship to aerobic performance improvements in sedentary subjects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R264-R272.	0.9	261
3	Opposite effects of statins on mitochondria of cardiac and skeletal muscles: a â€˜mitohormesisâ€™ mechanism involving reactive oxygen species and PGC-1. European Heart Journal, 2012, 33, 1397-1407.	1.0	203
4	AMPK Activation Stimulates Autophagy and Ameliorates Muscular Dystrophy in the mdx Mouse Diaphragm. American Journal of Pathology, 2012, 181, 583-592.	1.9	194
5	Improvement of $$dot{V}hbox{O}_{2 max},$$ by cardiac output and oxygen extraction adaptation during intermittent versus continuous endurance training. European Journal of Applied Physiology, 2007, 101, 377-383.	1.2	128
6	Exercise-induced metabolic fluctuations influence AMPK, p38-MAPK and CaMKII phosphorylation in human skeletal muscle. Physiological Reports, 2015, 3, e12462.	0.7	84
7	Training at high exercise intensity promotes qualitative adaptations of mitochondrial function in human skeletal muscle. Journal of Applied Physiology, 2008, 104, 1436-1441.	1.2	83
8	Stress-induced opening of the permeability transition pore in the dystrophin-deficient heart is attenuated by acute treatment with sildenafil. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H144-H153.	1.5	77
9	Peroxisome proliferatorâ€activated receptor Î³ coactivator 1â€Î± gene transfer restores mitochondrial biomass and improves mitochondrial calcium handling in postâ€necrotic mdx mouse skeletal muscle. Journal of Physiology, 2012, 590, 5487-5502.	1.3	66
10	Mitochondria of trained skeletal muscle are protected from deleterious effects of statins. Muscle and Nerve, 2012, 46, 367-373.	1.0	43
11	Different Timing of Changes in Mitochondrial Functions following Endurance Training. Medicine and Science in Sports and Exercise, 2012, 44, 217-224.	0.2	39
12	Effect of eccentric versus concentric exercise training on mitochondrial function. Muscle and Nerve, 2014, 50, 803-811.	1.0	26
13	Effects of (â^')-epicatechin on mitochondria. Nutrition Reviews, 2021, 79, 25-41.	2.6	25
14	From mitochondria to sarcopenia: Role of inflammaging and RAGE-ligand axis implication. Experimental Gerontology, 2021, 146, 111247.	1.2	23
15	Muscle Oxygen Supply and Use in Type 1 Diabetes, From Ambient Air to the Mitochondrial Respiratory Chain: Is There a Limiting Step?. Diabetes Care, 2020, 43, 209-218.	4.3	22
16	Continuous exercise induces airway epithelium damage while a matched-intensity and volume intermittent exercise does not. Respiratory Research, 2019, 20, 12.	1.4	18
17	The intra-mitochondrial O-GlcNAcylation system rapidly modulates OXPHOS function and ROS release in the heart. Communications Biology, 2022, 5, 349.	2.0	17
18	Effect of angiotensinâ€converting enzyme inhibition on skeletal muscle oxidative function and exercise capacity in streptozotocinâ€induced diabetic rats. Experimental Physiology, 2007, 92, 1047-1056.	0.9	14

#	Article	IF	Citations
19	Relationships Between Isokinetic Shoulder Evaluation and Fitness Characteristics of Elite French Female Water-Polo Players. Journal of Human Kinetics, 2018, 64, 5-11.	0.7	9
20	Effect of work:rest cycle duration on fluctuations during intermittent exercise. Journal of Sports Sciences, 2017, 35, 7-13.	1.0	7
21	Physiological comparison of intensityâ€controlled, isocaloric intermittent and continuous exercise‹sup›â€‹/sup›. European Journal of Sport Science, 2018, 18, 1368-1375.	1.4	6
22	CyclophilinâÐ is dispensable for atrophy and mitochondrial apoptotic signalling in denervated muscle. Journal of Physiology, 2011, 589, 855-861.	1.3	5
23	Dietary Cocoa Flavanols Enhance Mitochondrial Function in Skeletal Muscle and Modify Whole-Body Metabolism in Healthy Mice. Nutrients, 2021, 13, 3466.	1.7	5
24	Is airway damage during physical exercise related to airway dehydration? Inputs from a computational model. Journal of Applied Physiology, 2022, 132, 1031-1040.	1.2	3
25	Solving the Fick principle using whole body measurements can be used to discriminate â€˜â€˜centralâ€™â€™ and â€˜â€˜peripheralâ€™â€™ adaptations to training. European Journal of Applied Physiology, 2008, 103, 733-735.	1.2	1
26	Effect of Waters Enriched in O2 by Injection or Electrolysis on Performance and the Cardiopulmonary and Acidâ€“Base Response to High Intensity Exercise. Nutrients, 2021, 13, 4320.	1.7	0