

Alessandra Adami

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

400
citations

759233

12
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of step duration in incremental ramp protocols on peak power and maximal oxygen consumption. <i>European Journal of Applied Physiology</i> , 2013, 113, 2647-2653.	2.5	45
2	Principles, insights, and potential pitfalls of the noninvasive determination of muscle oxidative capacity by near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2018, 124, 245-248.	2.5	38
3	Reproducibility of NIRS assessment of muscle oxidative capacity in smokers with and without COPD. <i>Respiratory Physiology and Neurobiology</i> , 2017, 235, 18-26.	1.6	37
4	Effects of priming exercise on the speed of adjustment of muscle oxidative metabolism at the onset of moderate-intensity step transitions in older adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R1158-R1166.	1.8	35
5	Cardiovascular determinants of maximal oxygen consumption in upright and supine posture at the end of prolonged bed rest in humans. <i>Respiratory Physiology and Neurobiology</i> , 2010, 172, 53-62.	1.6	30
6	Oxygen uptake, cardiac output and muscle deoxygenation at the onset of moderate and supramaximal exercise in humans. <i>European Journal of Applied Physiology</i> , 2011, 111, 1517-1527.	2.5	25
7	Changes in whole tissue heme concentration dissociates muscle deoxygenation from muscle oxygen extraction during passive head-up tilt. <i>Journal of Applied Physiology</i> , 2015, 118, 1091-1099.	2.5	24
8	Muscle Oxidative Capacity Is Reduced in Both Upper and Lower Limbs in COPD. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2061-2068.	0.4	18
9	Cardiovascular re-adjustments and baroreflex response during clinical reambulation procedure at the end of 35-day bed rest in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 673-680.	1.9	17
10	Testing the vagal withdrawal hypothesis during light exercise under autonomic blockade: a heart rate variability study. <i>Journal of Applied Physiology</i> , 2018, 125, 1804-1811.	2.5	15
11	Cardiac output, O ₂ delivery and kinetics during step exercise in acute normobaric hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2013, 186, 206-213.	1.6	14
12	Dynamics of the RR-interval versus blood pressure relationship at exercise onset in humans. <i>European Journal of Applied Physiology</i> , 2017, 117, 619-630.	2.5	13
13	Oxygen deficits and oxygen delivery kinetics during submaximal intensity exercise in humans after 14 days of head-down tilt-bed rest. <i>European Journal of Applied Physiology</i> , 2009, 107, 51-59.	2.5	12
14	Effect of Lower Body Negative Pressure on Phase I Cardiovascular Responses at Exercise Onset. <i>International Journal of Sports Medicine</i> , 2020, 41, 209-218.	1.7	11
15	The diagram: An analytical interpretation of oxygen transport in arterial blood during exercise in humans. <i>Respiratory Physiology and Neurobiology</i> , 2014, 193, 55-61.	1.6	10
16	A new interpolation-free procedure for breath-by-breath analysis of oxygen uptake in exercise transients. <i>European Journal of Applied Physiology</i> , 2014, 114, 1983-1994.	2.5	9
17	Energetics of walking in individuals with cerebral palsy and typical development, across severity and age: A systematic review and meta-analysis. <i>Gait and Posture</i> , 2021, 90, 388-407.	1.4	7
18	Genetic variants predicting aerobic capacity response to training are also associated with skeletal muscle oxidative capacity in moderate-to-severe COPD. <i>Physiological Genomics</i> , 2018, 50, 688-690.	2.3	6

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19	Relationships of Physical Activity and Diet Quality with Body Composition and Fat Distribution in US Adults. <i>Obesity</i> , 2020, 28, 2431-2440.	3.0	6
20	Relationship between maximal incremental and high-intensity interval exercise performance in elite athletes. <i>PLoS ONE</i> , 2020, 15, e0226313.	2.5	6
21	Vagal blockade suppresses the phase I heart rate response but not the phase I cardiac output response at exercise onset in humans. <i>European Journal of Applied Physiology</i> , 2021, 121, 3173-3187.	2.5	6
22	Identifying a Heart Rate Recovery Criterion After a 6-Minute Walk Test in COPD. <i>International Journal of COPD</i> , 2021, Volume 16, 2545-2560.	2.3	6
23	Serum Acylglycerols Inversely Associate with Muscle Oxidative Capacity in Severe COPD. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 10-18.	0.4	3
24	The Relationships between Total Protein Intake, Protein Sources, Physical Activity, and Lean Mass in a Representative Sample of the US Adults. <i>Nutrients</i> , 2020, 12, 3151.	4.1	2
25	Comment on "On the method of fitting cardiac output kinetics in severe exercise" by Richard L. Hughson and Azmy Faisal in <i>Eur J Appl Physiol</i> DOI 10.1007/s00421-010-1787-x. <i>European Journal of Applied Physiology</i> , 2012, 112, 397-398.	2.5	1
26	Muscle Oxidative Capacity Is Low In The Upper And Lower Limbs Of COPD Patients. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1045.	0.4	1
27	Last Word on Viewpoint: Principles, insights, and potential pitfalls of the noninvasive determination of muscle oxidative capacity by near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2018, 124, 256-256.	2.5	1
28	Effects of isometric loading intensity on patellar tendon microvascular response. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, , .	2.9	1
29	Evaluation Of A Current Experimental Approach To The Measurement Of Maximal Oxygen Consumption In Humans. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 730-731.	0.4	0
30	Deconditioning Or Myopathy? Inactivity Is The Predominant Correlate Of Low Muscle Oxidative Capacity In COPD. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 723-724.	0.4	0
31	Effect Of Aerobic Training On Muscle Oxygenation During Incremental Cycling Exercise In Healthy And Hypertensive Elderly. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S461.	0.4	0
32	Relationships Among Muscle Deoxygenation, Total Heme Concentration by TRS-NIRS, and Blood Flow During Head-up Tilt. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 747-748.	0.4	0
33	Skeletal muscle oxidative capacity is an independent predictor of physical activity in smokers with and without COPD. , 2015, , .		0
34	Genetic variants predicting the response to endurance exercise training are also associated with skeletal muscle oxidative capacity in COPD. , 2017, , .		0
35	Smoking does not impair locomotor muscle oxidative capacity in humans with normal spirometry. , 2017, , .		0
36	Relationships among muscle oxidative capacity, coronary artery calcium, and hepatic steatosis in COPD: A pilot study. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Serum Acylglyceride Metabolites are Negatively Associated with Muscle Oxidative Capacity, but Not with Physical Activity, in Severe COPD. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
38	Longitudinal follow-up of older former smokers reveals rapid decline in muscle oxidative capacity and physical activity. , 2020, , .		0
39	Identifying a criterion heart rate recovery after 6 minute walk in COPD. , 2020, , .		0