

Dharini M Bhammar

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

578
citations

687363

13
h-index

642732

23
g-index

56
all docs

56
docs citations

56
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of high-intensity interval training and moderate-intensity continuous training on endothelial function and cardiometabolic risk markers in obese adults. <i>Journal of Applied Physiology</i> , 2016, 121, 279-288.	2.5	125
2	Breaks in Sitting Time. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2119-2130.	0.4	46
3	Physiological Responses to High-Intensity Interval Exercise Differing in Interval Duration. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3326-3335.	2.1	45
4	Postexercise Hypotension After Continuous, Aerobic Interval, and Sprint Interval Exercise. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2888-2893.	2.1	36
5	Using a Verification Test for Determination of $\dot{V}O_{2\max}$ in Sedentary Adults With Obesity. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3432-3438.	2.1	35
6	Verification of Maximal Oxygen Uptake in Obese and Nonobese Children. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 702-710.	0.4	28
7	Effects of Fractionized and Continuous Exercise on 24-h Ambulatory Blood Pressure. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2270-2276.	0.4	27
8	Validity of SenseWear [®] Armband v5.2 and v2.2 for estimating energy expenditure. <i>Journal of Sports Sciences</i> , 2016, 34, 1830-1838.	2.0	27
9	Validity and reliability of Nike [®] +Fuelband for estimating physical activity energy expenditure. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015, 7, 14.	1.7	25
10	Effect of weight loss on operational lung volumes and oxygen cost of breathing in obese women. <i>International Journal of Obesity</i> , 2016, 40, 998-1004.	3.4	25
11	Aerobic exercise training without weight loss reduces dyspnea on exertion in obese women. <i>Respiratory Physiology and Neurobiology</i> , 2016, 221, 64-70.	1.6	21
12	Walking Workstation Use Reduces Ambulatory Blood Pressure in Adults with Prehypertension. <i>Journal of Physical Activity and Health</i> , 2015, 12, S119-S127.	2.0	18
13	Predictors of Fat Mass Changes in Response to Aerobic Exercise Training in Women. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 297-304.	2.1	17
14	High-intensity interval exercise attenuates but does not eliminate endothelial dysfunction after a fast food meal. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H188-H194.	3.2	14
15	Cycling efficiency and energy cost of walking in young and older adults. <i>Journal of Applied Physiology</i> , 2018, 124, 414-420.	2.5	13
16	Commentaries on Viewpoint: $\dot{V}I_{2\text{peak}}$ is an acceptable estimate of cardiorespiratory fitness but not $\dot{V}I_{2\text{max}}$. <i>Journal of Applied Physiology</i> , 2018, 125, 233-240.	2.5	12
17	Weight loss reduces dyspnea on exertion and unpleasantness of dyspnea in obese men. <i>Respiratory Physiology and Neurobiology</i> , 2019, 261, 55-61.	1.6	12
18	Dyspnea on exertion provokes unpleasantness and negative emotions in women with obesity. <i>Respiratory Physiology and Neurobiology</i> , 2019, 260, 131-136.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Quantification of Cardiorespiratory Fitness in Children with Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2243-2250.	0.4	7
20	Effects of obesity on the oxygen cost of breathing in children. <i>Respiratory Physiology and Neurobiology</i> , 2021, 285, 103591.	1.6	7
21	Pitfalls in Expiratory Flow Limitation Assessment at Peak Exercise in Children: Role of Thoracic Gas Compression. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2310-2319.	0.4	6
22	External dead space explains sex-differences in the ventilatory response to submaximal exercise in children with and without obesity. <i>Respiratory Physiology and Neurobiology</i> , 2020, 279, 103472.	1.6	4
23	Quantification and Verification of Cardiorespiratory Fitness in Adults with Prehypertension. <i>Sports</i> , 2021, 9, 9.	1.7	4
24	Sex differences in the ventilatory responses to exercise in mild to moderate obesity. <i>Experimental Physiology</i> , 2022, 107, 965-977.	2.0	4
25	Effects of High-Intensity Interval and Continuous Training on Endothelial Function and Glucose Regulation in Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 863.	0.4	3
26	Inhaled albuterol increases estimated ventilatory capacity in nonasthmatic children without and with obesity. <i>Respiratory Physiology and Neurobiology</i> , 2021, 285, 103597.	1.6	2
27	Dysanapsis in men and women with obesity. <i>Journal of Applied Physiology</i> , 2021, 131, 496-503.	2.5	2
28	Quantification of Cardiorespiratory Fitness in Obese Children. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 298.	0.4	1
29	Weight Loss via Diet and Resistance Exercise Improves Exercise Breathing Mechanics in Obese Women. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 9.	0.4	1
30	Bronchodilation Increases Estimated Ventilatory Capacity In Children With Mild Asthma. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 832-832.	0.4	1
31	Repeatability of dyspnea measurements during exercise in women with obesity. <i>Respiratory Physiology and Neurobiology</i> , 2022, 297, 103831.	1.6	1
32	Effects of Fractionized and Continuous Exercise on Ambulatory Blood Pressure in Prehypertensive Adults. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 449-450.	0.4	0
33	Validation Of A Wireless, Multimode, Polynomial Neural Network-based Physical Activity Monitor In Children. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 509-510.	0.4	0
34	Improvements In VO ₂ peak After A Walking Program In Women Is Independent Of Daily Steps. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 840-841.	0.4	0
35	Vigorous-intensity Exercise Training Does Not Alter Spontaneous Physical Activity Levels In Obese, Sedentary Adults. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 859.	0.4	0
36	Static Respiratory Mechanics are Unaltered in Mild-to-Moderate Obese Men and Women. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 685.	0.4	0

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37	Performance and Energy Balance during a 439 Mile Endurance Run. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 142.	0.4	0
38	Operational Lung Volumes While Seated, Supine, and During Exercise in Obese and Nonobese Children. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 16.	0.4	0
39	Effect of Growth and Changes in Body Composition on Cycling Efficiency in Normal Weight and Obese Children. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 284.	0.4	0
40	Cardiorespiratory Fitness of Otherwise Healthy Obese Women. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 406.	0.4	0
41	Target Workload For Exercise Challenge Tests Exceeds Achievable Workload In Children With Mild Asthma. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 394-394.	0.4	0
42	Comparative Effects Of Interval Warm-up Exercise And Bronchodilator On Exercise-induced Bronchoconstriction In Children With Mild Asthma. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 805-805.	0.4	0
43	Respiratory and Perceptual Responses to High-Intensity Interval Exercise in Obese Adults. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1719-1728.	0.4	0
44	Air Displacement Plethysmography Weakly Predicts Changes in Percent Body Fat in Comparison to Dual X-ray Absorptiometry After Aerobic Exercise Training in Women. <i>FASEB Journal</i> , 2012, 26, 1142.58.	0.5	0
45	Heterogeneity in Total Body Fat Changes After Aerobic Exercise Training is Similar in Women With Lower and Higher Amounts of Body Fat. <i>FASEB Journal</i> , 2012, 26, 1142.17.	0.5	0
46	High-intensity Interval Exercise And Endothelial Dysfunction Associated With A High-fat Meal In Healthy Males. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 558.	0.4	0
47	Acute Effects of Intermittent vs. Continuous Exercise on Glucose Regulation and Ambulatory Blood Pressure. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 371.	0.4	0
48	Cycling Efficiency And Walking Economy Are Not Affected By Age In Healthy Adults Ages 18-81. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 161.	0.4	0
49	Dyspnea Intensity, Descriptors, And Negative Symptoms During Exercise In Obese And Nonobese Children. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 455.	0.4	0
50	Work of Breathing in Obese Men with and without Dyspnea on Exertion. <i>FASEB Journal</i> , 2018, 32, 913.10.	0.5	0
51	Impulse Oscillometry Discerns the Peripheral Airway Response to an Inhaled Bronchodilator between Obese and Nonobese Children. <i>FASEB Journal</i> , 2019, 33, 734.1.	0.5	0
52	Quantifying Maximal Oxygen Uptake using Lean Body Mass in Children with Obesity. <i>FASEB Journal</i> , 2019, 33, 841.3.	0.5	0
53	Weight Loss Decreases Dyspnea on Exertion and Unpleasantness in Obese Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 534-534.	0.4	0
54	External Dead Space Explains Sex-differences In The Exercise Ventilatory Response In Obese And Nonobese Children. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 832-832.	0.4	0

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55	Inhaled Albuterol Increases Forced Mid-expiratory Flows In Non-asthmatic Children With And Without Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 393-393.	0.4	0
56	Recruitment and Retention of Healthy Women with Obesity for a Psychophysiological Study before and After Weight Loss: Insights, Challenges, and Suggestions. <i>Journal of Obesity & Weight Loss Therapy</i> , 2021, 11, .	0.1	0