Matthew D Barberio

List of Publications by Year
in descending order

26	375	1163117 8	1125743 13
papers	citations	h-index	g-index

28	28	28	870
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Circulating adipocyteâ€derived exosomal MicroRNAs associated with decreased insulin resistance after gastric bypass. Obesity, 2017, 25, 102-110.	3.0	137
2	Lymphocyte enzymatic antioxidant responses to oxidative stress following high-intensity interval exercise. Journal of Applied Physiology, 2011, 110, 730-737.	2.5	75
3	Cholesterol efflux alterations in adolescent obesity: role of adipose-derived extracellular vesical microRNAs. Journal of Translational Medicine, 2019, 17, 232.	4.4	30
4	Inflammatory, lipid, and body composition responses to interval training or moderate aerobic training. European Journal of Applied Physiology, 2016, 116, 601-609.	2.5	29
5	Acute Hypoxia and Exercise-Induced Blood Oxidative Stress. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 684-693.	2.1	26
6	Effect of endurance exercise on microRNAs in myositis skeletal muscleâ€”A randomized controlled study. PLoS ONE, 2017, 12, e0183292.	2.5	26
7	Evaluation of Performance Improvements After Either Resistance Training or Sprint Intervalâ€“Based Concurrent Training. Journal of Strength and Conditioning Research, 2016, 30, 3057-3065.	2.1	22
8	Comparison of visceral adipose tissue DNA methylation and gene expression profiles in female adolescents with obesity. Diabetology and Metabolic Syndrome, 2019, 11, 98.	2.7	10
9	Pyruvate Dehydrogenase Phosphatase Regulatory Gene Expression Correlates with Exercise Training Insulin Sensitivity Changes. Medicine and Science in Sports and Exercise, 2016, 48, 2387-2397.	0.4	7
10	Type 2 Diabetes Modifies Skeletal Muscle Gene Expression Response to Gastric Bypass Surgery. Frontiers in Endocrinology, 2021, 12, 728593.	3.5	6
11	Limited data exist to inform our basic understanding of micronutrient requirements in pregnancy. Science Advances, 2021, 7, eabj8016.	10.3	4
12	Toward a more stable understanding of pregnancy micronutrient metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E260-E263.	3.5	2
13	Protocol for meta-research on the evidence informing micronutrient dietary reference intakes for pregnant and lactating women. Gates Open Research, 2020, 4, 171.	1.1	1
14	Oxidative Stress and Antioxidant Defense Responses in Lymphocytes Following High Intensity Interval Training. Medicine and Science in Sports and Exercise, 2010, 42, 367.	0.4	0
15	3155. Medicine and Science in Sports and Exercise, 2014, 46, 850.	0.4	0
16	Unique Visceral Adipose Tissue Transcriptomic Signature In Obese Hispanic Females. Medicine and Science in Sports and Exercise, 2014, 46, 178.	0.4	0
17	Effect of Concurrent Sprint Interval and Resistance Training on Strength, Power, and Aerobic Performance Measures. Medicine and Science in Sports and Exercise, 2014, 46, 256.	0.4	0
18	2261 May 31 9:30 AM - 11:30 AM. Medicine and Science in Sports and Exercise, 2019, 51, 618-618.	0.4	0

#	Article	IF	Citations
19	Myocardial IL‚Â€6R expression and IL‚Â€6 signaling following exercise. FASEB Journal, 2013, 27, lb775.	0.5	0
20	Gene Expression Changes Associated with Insulin Sensitivity Variation Following Exercise Training. Medicine and Science in Sports and Exercise, 2015, 47, 190-191.	0.4	0
21	Insulin Resistance-Related Epigenetic Modifications in Visceral Adipose Tissue of Obese Adolescents. Medicine and Science in Sports and Exercise, 2016, 48, 731.	0.4	0
22	2445. Medicine and Science in Sports and Exercise, 2016, 48, 671.	0.4	0
23	Skeletal Muscle DNA Methylation Changes following Gastric Bypass in Women with Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2018, 50, 150.	0.4	0
24	Genetic Contributions to Muscle Strength. , 2019, , 264-276.		0
25	Cholesterol Efflux Gene Expression In Peripheral Blood Mononuclear Cells Following High Intensity Interval Exercise. Medicine and Science in Sports and Exercise, 2020, 52, 568-568.	0.4	0
26	2991. Medicine and Science in Sports and Exercise, 2020, 52, 833-833.	0.4	0