Felipe Mattioni Maturana

List of Publications by Citations

21 papers	220 citations	8 h-index	14 g-index
25 ext. papers	308 ext. citations	2.8 avg, IF	3.67 L-index

#	Paper	IF	Citations
21	Can measures of critical power precisely estimate the maximal metabolic steady-state?. *Applied Physiology, Nutrition and Metabolism*, **2016**, 41, 1197-1203	3	42
20	Critical power: How different protocols and models affect its determination. *Journal of Science and Medicine in Sport*, **2018**, 21, 742-747	4.4	37
19	The near-infrared spectroscopy-derived deoxygenated haemoglobin breaking-point is a repeatable measure that demarcates exercise intensity domains. *Journal of Science and Medicine in Sport*, **2017**, 20, 873-877	4.4	22
18	The relationship between oxygen uptake kinetics and neuromuscular fatigue in high-intensity cycling exercise. *European Journal of Applied Physiology*, **2017**, 117, 969-978	3.4	22
17	Effectiveness of HIIE versus MICT in Improving Cardiometabolic Risk Factors in Health and Disease: A Meta-analysis. *Medicine and Science in Sports and Exercise*, **2021**, 53, 559-573	1.2	20
16	An equation to predict the maximal lactate steady state from ramp-incremental exercise test data in cycling. *Journal of Science and Medicine in Sport*, **2018**, 21, 1274-1280	4.4	20
15	Critical power testing or self-selected cycling: Which one is the best predictor of maximal metabolic steady-state?. *Journal of Science and Medicine in Sport*, **2017**, 20, 795-799	4.4	12
14	Faster V O kinetics after priming exercises of different duration but same fatigue. *Journal of Sports Sciences*, **2018**, 36, 1095-1102	3.6	10
13	Reply to "Discussion of âCan measures of critical power precisely estimate the maximal metabolic steady-state?â- Is it still necessary to compare critical power to maximal lactate steady state?" - When is it appropriate to compare critical power to maximal lactate steady-state?. *Applied Physiology, Nutrition and Metabolism*, **2018**, 43, 96-97	3	8
12	Individual cardiovascular responsiveness to work-matched exercise within the moderate- and severe-intensity domains. *European Journal of Applied Physiology*, **2021**, 121, 2039-2059	3.4	6
11	The iReAct study - A biopsychosocial analysis of the individual response to physical activity. *Contemporary Clinical Trials Communications*, **2020**, 17, 100508	1.8	5
10	Identification of Non-Invasive Exercise Thresholds: Methods, Strategies, and an Online App. *Sports Medicine*, **2021**, 1	10.6	4
9	Comment on: "Relative Proximity of Critical Power and Metabolic/Ventilatory Thresholds: Systematic Review and Meta-Analysis". *Sports Medicine*, **2021**, 51, 367-368	10.6	4
8	Sex differences in a chronometric mental rotation test with cube figures: a behavioral, electroencephalography, and eye-tracking pilot study. *NeuroReport*, **2018**, 29, 870-875	1.7	4
7	Responders and non-responders to aerobic exercise training: beyond the evaluation of. *Physiological Reports*, **2021**, 9, e14951	2.6	2
6	Different Endurance Exercise Modalities, Different Affective Response: A Within-Subject Study. *Frontiers in Psychology*, **2021**, 12, 686661	3.4	1
5	miRNAs as markers for the development of individualized training regimens: A pilot study.. *Physiological Reports*, **2022**, 10, e15217	2.6	1

List of Publications

4	Does Fit Mean (f)it? A Comparison of Physiological and Experiential Fitness Data From the iReAct Study. *Frontiers in Sports and Active Living*, **2021**, 3, 729090	2.3	0
3	Transient speeding of V O kinetics following acute sessions of sprint interval training: Similar exercise dose but different outcomes in older and young adults.. *Experimental Gerontology*, **2022**, 111826	4.5	0
2	MiRNAs As Possible Predictors For Training Efficacy. *Medicine and Science in Sports and Exercise*, **2020**, 52, 919-919	1.2	
1	Work-matched High-intensity Interval And Moderate-intensity Continuous Training Adaptations On 17 Lactate Threshold Methods In Females. *Medicine and Science in Sports and Exercise*, **2020**, 52, 189-189	1.2	