

Eric Hermand

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

193
citations

1307594

7
h-index

1199594

12
g-index

26
all docs

26
docs citations

26
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Balance rehabilitation for postural control in children with Autism Spectrum Disorder: A two-case report study. <i>Physiotherapy Theory and Practice</i> , 2023, 39, 658-666.	1.3	3
2	Modeling the oxygen transport to the myocardium at maximal exercise at high altitude. <i>Physiological Reports</i> , 2022, 10, e15262.	1.7	5
3	Age-related decline in visuo-spatial working memory is reflected by dorsolateral prefrontal activation and cognitive capabilities. <i>Behavioural Brain Research</i> , 2021, 398, 112981.	2.2	18
4	Accuracy and Reliability of Pulse O2 Saturation Measured by a Wrist-worn Oximeter. <i>International Journal of Sports Medicine</i> , 2021, 42, 1268-1273.	1.7	13
5	Exercising in Hypoxia and Other Stimuli: Heart Rate Variability and Ventilatory Oscillations. <i>Life</i> , 2021, 11, 625.	2.4	7
6	Skin Application of 4% Menthol Enhances Running Performance in Hot and Humid Climate. <i>International Journal of Sports Medicine</i> , 2020, 41, 161-167.	1.7	7
7	Functional Status Is Associated With Prefrontal Cortex Activation in Gait in Subacute Stroke Patients: A Functional Near-Infrared Spectroscopy Study. <i>Frontiers in Neurology</i> , 2020, 11, 559227.	2.4	8
8	Evolution of Muscular Oxygenation during a Walking Test in Preterm Children. <i>Journal of Pediatrics</i> , 2020, 227, 142-148.e1.	1.8	3
9	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests. <i>Scientific Reports</i> , 2020, 10, 12420.	3.3	5
10	Ultra-endurance events in tropical environments and countermeasures to optimize performances and health. <i>International Journal of Hyperthermia</i> , 2019, 36, 752-759.	2.5	5
11	Prefrontal Cortex Activation During Dual Task With Increasing Cognitive Load in Subacute Stroke Patients: A Pilot Study. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 160.	3.4	21
12	Menthol as an Adjuvant to Help Athletes Cope With a Tropical Climate: Tracks From Heat Experiments With Special Focus on Guadeloupe Investigations. <i>Frontiers in Physiology</i> , 2019, 10, 1360.	2.8	7
13	Low-frequency ventilatory oscillations in hypoxia are a major contributor to the low-frequency component of heart rate variability. <i>European Journal of Applied Physiology</i> , 2019, 119, 1769-1777.	2.5	5
14	Validation of a Photoplethysmographic Heart Rate Monitor: Polar OH1. <i>International Journal of Sports Medicine</i> , 2019, 40, 462-467.	1.7	33
15	Triathlon and Ultra-Endurance Events in Tropical Environments. , 2019, , 283-296.		3
16	Effect of dead space on breathing stability at exercise in hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2017, 246, 26-32.	1.6	4
17	Reply to Drs. Teppema, Berendsen, and Swenson. <i>Journal of Applied Physiology</i> , 2016, 120, 1492-1492.	2.5	1
18	Ventilatory oscillations at exercise in hypoxia: A mathematical model. <i>Journal of Theoretical Biology</i> , 2016, 411, 92-101.	1.7	8

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19	Ventilatory oscillations at exercise: effects of hyperoxia, hypercapnia, and acetazolamide. Physiological Reports, 2015, 3, e12446.	1.7	12
20	Periodic breathing in healthy humans at exercise in hypoxia*. Journal of Applied Physiology, 2015, 118, 115-123.	2.5	21
21	Oscillatory Pattern of Breathing in Healthy Humans at Exercise: Effects of Hypoxia, Hyperoxia and Hypercapnia. FASEB Journal, 2015, 29, 1012.18.	0.5	1
22	No gender difference in association between sleep quality and physical activity level of French students. Sport Sciences for Health, 0, , 1.	1.3	1
23	Sleep and Subjective Recovery in Amateur Trail Runners After the Ultra-Trail du Mont Blanc® (UTMB®). Journal of Science in Sport and Exercise, 0, , 1.	1.0	2