

Eric Hermand

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

193
citations

1307366

7
h-index

1199470

12
g-index

26
all docs

26
docs citations

26
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a Photoplethysmographic Heart Rate Monitor: Polar OH1. <i>International Journal of Sports Medicine</i> , 2019, 40, 462-467.	0.8	33
2	Periodic breathing in healthy humans at exercise in hypoxia*. <i>Journal of Applied Physiology</i> , 2015, 118, 115-123.	1.2	21
3	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.	1.7	21
4	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.	1.2	18
5	Accuracy and Reliability of Pulse O2 Saturation Measured by a Wrist-worn Oximeter. <i>International Journal of Sports Medicine</i> , 2021, 42, 1268-1273.	0.8	13
6	Ventilatory oscillations at exercise: effects of hyperoxia, hypercapnia, and acetazolamide. <i>Physiological Reports</i> , 2015, 3, e12446.	0.7	12
7	Ventilatory oscillations at exercise in hypoxia: A mathematical model. <i>Journal of Theoretical Biology</i> , 2016, 411, 92-101.	0.8	8
8	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.	1.1	8
9	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.	1.3	7
10	Skin Application of 4% Menthol Enhances Running Performance in Hot and Humid Climate. <i>International Journal of Sports Medicine</i> , 2020, 41, 161-167.	0.8	7
11	Exercising in Hypoxia and Other Stimuli: Heart Rate Variability and Ventilatory Oscillations. <i>Life</i> , 2021, 11, 625.	1.1	7
12	Ultra-endurance events in tropical environments and countermeasures to optimize performances and health. <i>International Journal of Hyperthermia</i> , 2019, 36, 752-759.	1.1	5
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.	1.2	5
14	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests. <i>Scientific Reports</i> , 2020, 10, 12420.	1.6	5
15	Modeling the oxygen transport to the myocardium at maximal exercise at high altitude. <i>Physiological Reports</i> , 2022, 10, e15262.	0.7	5
16	Effect of dead space on breathing stability at exercise in hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2017, 246, 26-32.	0.7	4
17	Triathlon and Ultra-Endurance Events in Tropical Environments. , 2019, , 283-296.		3
18	Evolution of Muscular Oxygenation during a Walking Test in Preterm Children. <i>Journal of Pediatrics</i> , 2020, 227, 142-148.e1.	0.9	3

#	ARTICLE	IF	CITATIONS
19	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.	0.6	3
20	Sleep and Subjective Recovery in Amateur Trail Runners After the Ultra-Trail du Mont Blanc® (UTMB®). <i>Journal of Science in Sport and Exercise</i> , 0, , 1.	0.4	2
21	Reply to Drs. Teppema, Berendsen, and Swenson. <i>Journal of Applied Physiology</i> , 2016, 120, 1492-1492.	1.2	1
22	Oscillatory Pattern of Breathing in Healthy Humans at Exercise: Effects of Hypoxia, Hyperoxia and Hypercapnia. <i>FASEB Journal</i> , 2015, 29, 1012.18.	0.2	1
23	No gender difference in association between sleep quality and physical activity level of French students. <i>Sport Sciences for Health</i> , 0, , 1.	0.4	1