

Laurent Bosquet

List of Publications by Year in descending order

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41
papers

1,944
citations

394286

19
h-index

265120

42
g-index

42
all docs

42
docs citations

42
times ranked

2742
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity of the Polar S810 Heart Rate Monitor to Measure R-R Intervals at Rest. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 887-893.	0.2	371
2	High-Intensity Interval Training in Cardiac Rehabilitation. <i>Sports Medicine</i> , 2012, 42, 587-605.	3.1	231
3	Effects of Tapering on Performance. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1358-1365.	0.2	216
4	Methods to Determine Aerobic Endurance. <i>Sports Medicine</i> , 2002, 32, 675-700.	3.1	174
5	Decline in executive control during acute bouts of exercise as a function of exercise intensity and fitness level. <i>Brain and Cognition</i> , 2013, 81, 10-17.	0.8	115
6	Effects of combined physical and cognitive training on fitness and neuropsychological outcomes in healthy older adults. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1287-1299.	1.3	92
7	Multiple roads lead to Rome: combined high-intensity aerobic and strength training vs. gross motor activities leads to equivalent improvement in executive functions in a cohort of healthy older adults. <i>Age</i> , 2014, 36, 9710.	3.0	66
8	Executive functions, physical fitness and mobility in well-functioning older adults. <i>Experimental Gerontology</i> , 2013, 48, 1402-1409.	1.2	61
9	Reliability of heart rate measures used to assess post-exercise parasympathetic reactivation. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 296-304.	0.5	53
10	Comparison of the metabolic energy cost of overground and treadmill walking in older adults. <i>European Journal of Applied Physiology</i> , 2012, 112, 1613-1620.	1.2	52
11	Cooling during exercise enhances performances, but the cooled body areas matter: A systematic review with meta-analyses. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1660-1676.	1.3	44
12	A Comparison of 2 Optical Timing Systems Designed to Measure Flight Time and Contact Time During Jumping and Hopping. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 2660-2665.	1.0	40
13	Physical Functioning Is Associated With Processing Speed and Executive Functions in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, 837-844.	2.4	40
14	Does Combined Physical and Cognitive Training Improve Dual-Task Balance and Gait Outcomes in Sedentary Older Adults?. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 688.	1.0	38
15	Night and postexercise cardiac autonomic control in functional overreaching. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 200-208.	0.9	30
16	Higher cardiovascular fitness level is associated to better cognitive dual-task performance in Master Athletes: Mediation by cardiac autonomic control. <i>Brain and Cognition</i> , 2018, 125, 127-134.	0.8	27
17	Comparison of gas exchange data using the Aquatrainer® system and the facemask with Cosmed K4b2 during exercise in healthy subjects. <i>European Journal of Applied Physiology</i> , 2010, 109, 191-199.	1.2	26
18	Ambulatory blood pressure reduction following high-intensity interval exercise performed in water or dryland condition. <i>Journal of the American Society of Hypertension</i> , 2016, 10, 420-428.	2.3	26

#	ARTICLE	IF	CITATIONS
19	Cardiovascular and hemodynamic responses on dryland vs. immersed cycling. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 619-623.	0.6	23
20	Cerebral Oxygenation Reserve: The Relationship Between Physical Activity Level and the Cognitive Load During a Stroop Task in Healthy Young Males. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1406.	1.2	22
21	A comparison of the impact of physical exercise, cognitive training and combined intervention on spontaneous walking speed in older adults. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 921-925.	1.4	21
22	Effects of tapering on neuromuscular and metabolic fitness in team sports: a systematic review and meta-analysis. <i>European Journal of Sport Science</i> , 2021, 21, 300-311.	1.4	19
23	Effect of Acute Intermittent Exercise on Cognitive Flexibility: the Role of Exercise Intensity. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018, 2, 146-156.	0.8	16
24	Gross Motor Skills Training Leads to Increased Brain-Derived Neurotrophic Factor Levels in Healthy Older Adults: A Pilot Study. <i>Frontiers in Physiology</i> , 2019, 10, 410.	1.3	16
25	A comparison of physical exercise and cognitive training interventions to improve determinants of functional mobility in healthy older adults. <i>Experimental Gerontology</i> , 2021, 149, 111331.	1.2	12
26	Cardiorespiratory fitness and prefrontal cortex oxygenation during Stroop task in older males. <i>Physiology and Behavior</i> , 2021, 242, 113621.	1.0	12
27	Cardiorespiratory fitness, blood pressure, and cerebral oxygenation during a dual-task in healthy young males. <i>Behavioural Brain Research</i> , 2020, 380, 112422.	1.2	11
28	A comparison of methods to determine maximal accumulated oxygen deficit in running. <i>Journal of Sports Sciences</i> , 2008, 26, 663-670.	1.0	10
29	Effects of an 8-week training cessation period on cognition and functional capacity in older adults. <i>Experimental Gerontology</i> , 2020, 134, 110890.	1.2	9
30	Fitness Determinants of Repeated High-Intensity Effort Ability in Elite Rugby Union Players. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1103-1110.	1.1	9
31	Ambulatory blood pressure reduction following 2 weeks of high-intensity interval training on an immersed ergocycle. <i>Archives of Cardiovascular Diseases</i> , 2019, 112, 680-690.	0.7	8
32	Acute Effect of a Simultaneous Exercise and Cognitive Task on Executive Functions and Prefrontal Cortex Oxygenation in Healthy Older Adults. <i>Brain Sciences</i> , 2022, 12, 455.	1.1	7
33	Thermoneutral immersion exercise accelerates heart rate recovery: A potential novel training modality. <i>European Journal of Sport Science</i> , 2017, 17, 310-316.	1.4	6
34	Reliability of a Repeated High-Intensity Effort Test for Elite Rugby Union Players. <i>Sports</i> , 2020, 8, 72.	0.7	6
35	Master Athletes and cognitive performance: What are the potential explanatory neurophysiological mechanisms?. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2019, , 55-67.	0.2	5
36	A Comparison of the Effect of Physical Activity and Cognitive Training on Dual-Task Performance in Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, , .	2.4	5

#	ARTICLE	IF	CITATIONS
37	Tapering and Repeated High-Intensity Effort Ability in Young Elite Rugby Union Players: Influence of Pretaper Fatigue Level. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 993-1000.	1.1	4
38	The Total Work Measured During a High Intensity Isokinetic Fatigue Test Is Associated With Anaerobic Work Capacity. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 126-30.	0.7	4
39	Relationships between lower body strength and the energy cost of treadmill walking in a cohort of healthy older adults: a cross-sectional analysis. <i>European Journal of Applied Physiology</i> , 2017, 117, 53-59.	1.2	3
40	Preconditioning Activities to Enhance Repeated High-Intensity Efforts in Elite Rugby Union Players. <i>International Journal of Sports Physiology and Performance</i> , 2022, 17, 871-878.	1.1	3
41	A Cross-Sectional Comparison of Arterial Stiffness and Cognitive Performances in Physically Active Late Pre- and Early Post-Menopausal Females. <i>Brain Sciences</i> , 2022, 12, 901.	1.1	2