

# Olivier Dupuy

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,357  
citations

331538

21  
h-index

360920

35  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1825  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | An Evidence-Based Approach for Choosing Post-exercise Recovery Techniques to Reduce Markers of Muscle Damage, Soreness, Fatigue, and Inflammation: A Systematic Review With Meta-Analysis. <i>Frontiers in Physiology</i> , 2018, 9, 403. | 1.3 | 189       |
| 2  | Higher levels of cardiovascular fitness are associated with better executive function and prefrontal oxygenation in younger and older women. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 66.  | 1.0 | 146       |
| 3  | Effect of training cessation on muscular performance: A meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e140-9.  | 1.3 | 76        |
| 4  | Comparable Cerebral Oxygenation Patterns in Younger and Older Adults during Dual-Task Walking with Increasing Load. <i>Frontiers in Aging Neuroscience</i> , 2016, 08, 240.   | 1.7 | 63        |
| 5  | Effect of overreaching on cognitive performance and related cardiac autonomic control. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 234-242.   | 1.3 | 60        |
| 6  | Effect of interval training on cognitive functioning and cerebral oxygenation in obese patients: A pilot study. <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 1050-1054.  | 0.8 | 55        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | 3-min whole body cryotherapy/cryostimulation after training in the evening improves sleep quality in physically active men. <i>European Journal of Sport Science</i> , 2019, 19, 860-867.   | 1.4 | 36        |
| 11 | High-Intensity Interval Training Improves Cognitive Flexibility in Older Adults. <i>Brain Sciences</i> , 2020, 10, 796.   | 1.1 | 35        |
| 12 | Air/CO <sub>2</sub> cooling garment: Description and benefits of use for subjects exposed to a hot and humid climate during physical activities. <i>International Journal of Mining Science and Technology</i> , 2019, 29, 899-903.       | 4.6 | 33        |
| 13 | Use of dipeptidyl peptidase-4 inhibitors and prognosis of COVID-19 in hospitalized patients with type 2 diabetes: A propensity score analysis from the CORONADO study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1162-1172.     | 2.2 | 33        |
| 14 | The effects of cardiorespiratory fitness on executive function and prefrontal oxygenation in older adults. <i>GeroScience</i> , 2019, 41, 681-690.  | 2.1 | 32        |
| 15 | Effect of High Intensity Interval Training Compared to Continuous Training on Cognitive Performance in Young Healthy Adults: A Pilot Study. <i>Brain Sciences</i> , 2020, 10, 81.   | 1.1 | 31        |
| 16 | Night and postexercise cardiac autonomic control in functional overreaching. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 200-208.   | 0.9 | 30        |
| 17 | The use of whole-body cryotherapy: time- and dose-response investigation on circulating blood catecholamines and heart rate variability. <i>European Journal of Applied Physiology</i> , 2020, 120, 1733-1743.                            | 1.2 | 29        |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | Cognitive function in patients with stable coronary heart disease: Related cerebrovascular and cardiovascular responses. <i>PLoS ONE</i> , 2017, 12, e0183791.  | 1.1 | 27        |
| 20 | 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        |
| 21 | Cryostimulation for Post-exercise Recovery in Athletes: A Consensus and Position Paper. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 688828.   | 0.9 | 24        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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        |
| 25 | Per-Cooling (Using Cooling Systems during Physical Exercise) Enhances Physical and Cognitive Performances in Hot Environments. A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1031. | 1.2 | 19        |
| 26 | Effect of Functional Overreaching on Executive Functions. <i>International Journal of Sports Medicine</i> , 2010, 31, 617-623.  | 0.8 | 16        |
| 27 | 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        |
| 28 | Cerebral and Muscle Oxygenation during Repeated Shuttle Run Sprints with Hypoventilation. <i>International Journal of Sports Medicine</i> , 2019, 40, 376-384.  | 0.8 | 16        |
| 29 | Partial-body cryostimulation after training improves sleep quality in professional soccer players. <i>BMC Research Notes</i> , 2019, 12, 141.   | 0.6 | 16        |
| 30 | Cardiorespiratory fitness and prefrontal cortex oxygenation during Stroop task in older males. <i>Physiology and Behavior</i> , 2021, 242, 113621.  | 1.0 | 12        |
| 31 | Cardiovascular and cerebral hemodynamics during exercise and recovery in obese individuals as a function of their fitness status. <i>Physiological Reports</i> , 2017, 5, e13321.   | 0.7 | 11        |
| 32 | 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        |
| 33 | Impact of acute partial-body cryostimulation on cognitive performance, cerebral oxygenation, and cardiac autonomic activity. <i>Scientific Reports</i> , 2021, 11, 7793.  | 1.6 | 10        |
| 34 | Impact of Carbohydrate Ingestion on Cognitive Flexibility and Cerebral Oxygenation during High-Intensity Intermittent Exercise: A Comparison between Maple Products and Usual Carbohydrate Solutions. <i>Nutrients</i> , 2019, 11, 2019.      | 1.7 | 9         |
| 35 | 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         |
| 36 | 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         |

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|----|--|-----|-----------|
| 37 | Nutrition for Master Athletes: Is There a Need for Specific Recommendations?. Journal of Aging and Physical Activity, 2020, 28, 489-498.   | 0.5 | 8         |
| 38 | Cerebral Hemodynamics During Exercise and Recovery in Heart Transplant Recipients. Canadian Journal of Cardiology, 2016, 32, 539-546.  | 0.8 | 7         |
| 39 | Acute Effect of a Simultaneous Exercise and Cognitive Task on Executive Functions and Prefrontal Cortex Oxygenation in Healthy Older Adults. Brain Sciences, 2022, 12, 455.                        | 1.1 | 7         |
| 40 | Thermoneutral immersion exercise accelerates heart rate recovery: A potential novel training modality. European Journal of Sport Science, 2017, 17, 310-316.                                       | 1.4 | 6         |
| 41 | <sup>1</sup> H-NMR-Based Analysis for Exploring Knee Synovial Fluid Metabolite Changes after Local Cryotherapy in Knee Arthritis Patients. Metabolites, 2020, 10, 460.                             | 1.3 | 6         |
| 42 | Master Athletes and cognitive performance: What are the potential explanatory neurophysiological mechanisms?. Movement and Sports Sciences - Science Et Motricite, 2019, , 55-67.                  | 0.2 | 5         |
| 43 | Effects of Cardiorespiratory Fitness on Cerebral Oxygenation in Healthy Adults: A Systematic Review. Frontiers in Physiology, 2022, 13, 838450.  | 1.3 | 5         |
| 44 | Nutrition for master athletes: from challenges to optimisation strategies. Movement and Sports Sciences - Science Et Motricite, 2019, , 45-54.   | 0.2 | 4         |
| 45 | Cooling During Exercise May Induce Benefits Linked to Improved Brain Perfusion. International Journal of Sports Medicine, 2021, 42, 122-131.   | 0.8 | 1         |
| 46 | Evaluative Threat Increases Effort Expenditure in a Cycling Exercise: An Exploratory Study. Journal of Sport and Exercise Psychology, 2020, 42, 336-343.   | 0.7 | 1         |
| 47 | Analyse des statuts nutritionnels selon les postes de jeu en rugby. Science and Sports, 2008, 23, 22-25.   | 0.2 | 0         |
| 48 | Parasympathetic Reactivation Is Improved After Maximal Cycling Exercise In Immersion As Compared To Dryland Condition. Medicine and Science in Sports and Exercise, 2016, 48, 371.                 | 0.2 | 0         |
| 49 | Relationships Between Vo <sub>2</sub> peak, Cerebral Hemodynamics During Exercise And Cognitive Function In Type 2 Diabetes Patients.. Medicine and Science in Sports and Exercise, 2016, 48, 535. | 0.2 | 0         |
| 50 | The Effects of Exercise Intensity on Cognition In Adults Age 18-45. Medicine and Science in Sports and Exercise, 2017, 49, 212.  | 0.2 | 0         |