

Martin Barwood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3070110/publications.pdf>

Version: 2024-02-01

68
papers

1,530
citations

361296

20
h-index

345118

36
g-index

70
all docs

70
docs citations

70
times ranked

1650
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effect of acute hypoxia on cognition: A systematic review and meta-regression analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 225-232. | 2.9 | 141 |
| 2 | Influence of Competition on Performance and Pacing during Cycling Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 509-515. | 0.2 | 89 |
| 3 | Central fatigue theory and endurance exercise: Toward an interoceptive model. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 93, 93-107. | 2.9 | 83 |
| 4 | Post-exercise cooling techniques in hot, humid conditions. <i>European Journal of Applied Physiology</i> , 2009, 107, 385-396. | 1.2 | 80 |
| 5 | Cognitive fatigue effects on physical performance: A systematic review and meta-analysis. <i>Physiology and Behavior</i> , 2018, 188, 103-107. | 1.0 | 73 |
| 6 | Ventilated Vest and Tolerance for Intermittent Exercise in Hot, Dry Conditions With Military Clothing. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 353-359. | 0.6 | 70 |
| 7 | Improvement of 10-km Time-Trial Cycling With Motivational Self-Talk Compared With Neutral Self-Talk. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 166-171. | 1.1 | 52 |
| 8 | The Effects of Direct Current Stimulation on Exercise Performance, Pacing and Perception in Temperate and Hot Environments. <i>Brain Stimulation</i> , 2016, 9, 842-849. | 0.7 | 51 |
| 9 | A motivational music and video intervention improves high-intensity exercise performance. <i>Journal of Sports Science and Medicine</i> , 2009, 8, 435-42. | 0.7 | 46 |
| 10 | The effect of repeated endurance exercise on IL-6 and sIL-6R and their relationship with sensations of fatigue at rest. <i>Cytokine</i> , 2009, 45, 111-116. | 1.4 | 45 |
| 11 | Profiling the Responses of Soccer Substitutes: A Review of Current Literature. <i>Sports Medicine</i> , 2018, 48, 2255-2269. | 3.1 | 44 |
| 12 | Psychological Skills Training Improves Exercise Performance in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 387-396. | 0.2 | 43 |
| 13 | “Cross-adaptation”™: habituation to short repeated cold-water immersions affects the response to acute hypoxia in humans. <i>Journal of Physiology</i> , 2010, 588, 3605-3613. | 1.3 | 39 |
| 14 | Relieving thermal discomfort: Effects of sprayed menthol on perception, performance, and time trial cycling in the heat. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 211-218. | 1.3 | 37 |
| 15 | Menthol as an Ergogenic Aid for the Tokyo 2021 Olympic Games: An Expert-Led Consensus Statement Using the Modified Delphi Method. <i>Sports Medicine</i> , 2020, 50, 1709-1727. | 3.1 | 36 |
| 16 | Early change in thermal perception is not a driver of anticipatory exercise pacing in the heat. <i>British Journal of Sports Medicine</i> , 2012, 46, 936-942. | 3.1 | 35 |
| 17 | Habituation of the metabolic and ventilatory responses to cold-water immersion in humans. <i>Journal of Thermal Biology</i> , 2013, 38, 24-31. | 1.1 | 35 |
| 18 | Effect of task familiarisation on distribution of energy during a 2000 m cycling time trial. <i>British Journal of Sports Medicine</i> , 2009, 43, 770-774. | 3.1 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Swim performance and thermoregulatory effects of wearing clothing in a simulated cold-water survival situation. <i>European Journal of Applied Physiology</i> , 2016, 116, 759-767. | 1.2 | 31 |
| 20 | Breath-Hold Time During Cold Water Immersion: Effects of Habituation with Psychological Training. <i>Aviation, Space, and Environmental Medicine</i> , 2007, 78, 1029-1034. | 0.6 | 25 |
| 21 | A match-day analysis of the movement profiles of substitutes from a professional soccer club before and after pitch-entry. <i>PLoS ONE</i> , 2019, 14, e0211563. | 1.1 | 25 |
| 22 | Practitioner perceptions regarding the practices of soccer substitutes. <i>PLoS ONE</i> , 2020, 15, e0228790. | 1.1 | 23 |
| 23 | Compression Garments: No Enhancement of High-Intensity Exercise in Hot Radiant Conditions. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 527-535. | 1.1 | 22 |
| 24 | The Effect of Carbohydrate Ingestion on the Interleukin-6 Response to a 90-Minute Run Time Trial. <i>International Journal of Sports Physiology and Performance</i> , 2009, 4, 186-194. | 1.1 | 20 |
| 25 | The influence of a menthol and ethanol soaked garment on human temperature regulation and perception during exercise and rest in warm, humid conditions. <i>Journal of Thermal Biology</i> , 2016, 58, 99-105. | 1.1 | 19 |
| 26 | “Float First”: Trapped Air Between Clothing Layers Significantly Improves Buoyancy on Water After Immersion. <i>International Journal of Aquatic Research and Education</i> , 2011, 5, . | 0.1 | 19 |
| 27 | Acute anxiety increases the magnitude of the cold shock response before and after habituation. <i>European Journal of Applied Physiology</i> , 2013, 113, 681-689. | 1.2 | 17 |
| 28 | Thermal perceptions and skin temperatures during continuous and intermittent ventilation of the torso throughout and after exercise in the heat. <i>European Journal of Applied Physiology</i> , 2013, 113, 2723-2735. | 1.2 | 17 |
| 29 | Responses to Sudden Cold-Water Immersion in Inexperienced Swimmers Following Training. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 850-855. | 0.6 | 16 |
| 30 | Cycling cadence affects heart rate variability. <i>Physiological Measurement</i> , 2011, 32, 1133-1145. | 1.2 | 15 |
| 31 | The Effect of Head-to-Head Competition on Behavioural Thermoregulation, Thermophysiological Strain and Performance During Exercise in the Heat. <i>Sports Medicine</i> , 2018, 48, 1269-1279. | 3.1 | 15 |
| 32 | Breath-hold performance during cold water immersion: effects of psychological skills training. <i>Aviation, Space, and Environmental Medicine</i> , 2006, 77, 1136-42. | 0.6 | 14 |
| 33 | Water immersion as a recovery aid from intermittent shuttle running exercise. <i>European Journal of Sport Science</i> , 2012, 12, 509-514. | 1.4 | 13 |
| 34 | Measurement frequency influences the rating of perceived exertion during sub-maximal treadmill running. <i>European Journal of Applied Physiology</i> , 2009, 106, 311-313. | 1.2 | 11 |
| 35 | Habituation of the Cold Shock Response May Include a Significant Perceptual Component. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 167-171. | 0.6 | 11 |
| 36 | Profiling the Post-match Top-up Conditioning Practices of Professional Soccer Substitutes: An Analysis of Contextual Influences. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2805-2814. | 1.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | “Float first and kick for your life” Psychophysiological basis for safety behaviour on accidental short-term cold water immersion. <i>Physiology and Behavior</i> , 2016, 154, 83-89. | 1.0 | 10 |
| 38 | Habituation of the cold shock response is inhibited by repeated anxiety: Implications for safety behaviour on accidental cold water immersions. <i>Physiology and Behavior</i> , 2017, 174, 10-17. | 1.0 | 10 |
| 39 | The effect of transcranial direct current stimulation (tDCS) on food craving, reward and appetite in a healthy population. <i>Appetite</i> , 2021, 157, 105004. | 1.8 | 10 |
| 40 | Alterations in Whole-Body Insulin Sensitivity Resulting From Repeated Eccentric Exercise of a Single Muscle Group: A Pilot Investigation. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2015, 25, 405-410. | 1.0 | 9 |
| 41 | Reduction in predicted survival times in cold water due to wind and waves. <i>Applied Ergonomics</i> , 2015, 49, 18-24. | 1.7 | 9 |
| 42 | Physiological cost and thermal envelope: A novel approach to cycle garment evaluation during a representative protocol. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 152-158. | 1.3 | 9 |
| 43 | Correction factors for assessing immersion suits under harsh conditions. <i>Applied Ergonomics</i> , 2016, 53, 87-94. | 1.7 | 8 |
| 44 | The effect of hot and cold drinks on thermoregulation, perception, and performance: the role of the gut in thermoreception. <i>European Journal of Applied Physiology</i> , 2018, 118, 2643-2654. | 1.2 | 8 |
| 45 | Quantifying the Peak Physical Match-Play Demands of Professional Soccer Substitutes Following Pitch-Entry: Assessing Contextual Influences. <i>Research Quarterly for Exercise and Sport</i> , 2022, 93, 270-281. | 0.8 | 8 |
| 46 | Body temperature and physical performance responses are not maintained at the time of pitch-entry when typical substitute-specific match-day practices are adopted before simulated soccer match-play. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 511-516. | 0.6 | 8 |
| 47 | The water incident database (WAID) 2012 to 2019: a systematic evaluation of the documenting of UK drownings. <i>BMC Public Health</i> , 2021, 21, 1760. | 1.2 | 8 |
| 48 | Changes in lung function during exercise are independently mediated by increases in deep body temperature. <i>BMJ Open Sport and Exercise Medicine</i> , 2017, 3, e000210. | 1.4 | 7 |
| 49 | Enhancement of Exercise Capacity in the Heat With Repeated Menthol-Spray Application. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 644-649. | 1.1 | 7 |
| 50 | Modifying the pre-pitch entry practices of professional soccer substitutes may contribute towards improved movement-related performance indicators on match-day: A case study. <i>PLoS ONE</i> , 2020, 15, e0232611. | 1.1 | 7 |
| 51 | Modulating eating behavior with transcranial direct current stimulation (tDCS): A systematic literature review on the impact of eating behavior traits. <i>Obesity Reviews</i> , 2022, 23, e13364. | 3.1 | 7 |
| 52 | Spraying with 0.20% L-menthol does not enhance 5 km running performance in the heat in untrained runners. <i>Journal of Sports Medicine and Physical Fitness</i> , 2014, 54, 595-604. | 0.4 | 7 |
| 53 | Promoting physical activity through text messages: the impact of attitude and goal priority messages. <i>Health Psychology and Behavioral Medicine</i> , 2021, 9, 165-181. | 0.8 | 6 |
| 54 | Brain blood flow and hyperventilation on cold water immersion: can treading water help control these symptoms of cold shock?. <i>Extreme Physiology and Medicine</i> , 2015, 4, . | 2.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Improved 2000-m Rowing Performance in a Cool Environment With an External Heating Garment. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 103-109. | 1.1 | 4 |
| 56 | Marathon Performance and Pacing in the Doha 2019 Women's IAAF World Championships: Extreme Heat, Suboptimal Pacing, and High Failure Rates. <i>International Journal of Sports Physiology and Performance</i> , 2022, 17, 1119-1125. | 1.1 | 4 |
| 57 | North Pole Marathon Laboratory Lessons and Field Success. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 493-497. | 0.2 | 3 |
| 58 | Effective Transcranial Direct Current Stimulation Parameters for the Modulation of Eating Behavior: A Systematic Literature Review and Meta-Analysis. <i>Psychosomatic Medicine</i> , 2022, 84, 646-657. | 1.3 | 3 |
| 59 | Performance of Emergency Underwater Breathing Systems in Cool (25°C) and Cold (12°C) Water. <i>Aviation, Space, and Environmental Medicine</i> , 2010, 81, 1002-1007. | 0.6 | 2 |
| 60 | Inherent Work Suit Buoyancy Distribution: Effects on Lifejacket Self-Righting Performance. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 960-964. | 0.6 | 2 |
| 61 | Acute Anxiety Predicts Components of the Cold Shock Response on Cold Water Immersion: Toward an Integrated Psychophysiological Model of Acute Cold Water Survival. <i>Frontiers in Psychology</i> , 2018, 9, 510. | 1.1 | 2 |
| 62 | The influence of thermal perception change using l-menthol on pacing regulation during exercise in the heat. <i>British Journal of Sports Medicine</i> , 2011, 45, A2-A2. | 3.1 | 1 |
| 63 | Effects of ice-slurry and carbohydrate on exercise in the heat. <i>Extreme Physiology and Medicine</i> , 2015, 4, . | 2.5 | 1 |
| 64 | Response to criticisms of "Cognitive fatigue effects on physical performance: a systematic review and meta-analysis" [Physiology & Behavior, Volume 188, 1 May 2018, Pages 103-107]. <i>Physiology and Behavior</i> , 2019, 198, 162-163. | 1.0 | 1 |
| 65 | The energetic, kinematic and kinetic responses to load carried on the back, on the head and in a doublepack. <i>Ergonomics</i> , 2021, 64, 1191-1204. | 1.1 | 1 |
| 66 | Prolonged anxiety on habituation of the cold shock response. <i>Extreme Physiology and Medicine</i> , 2015, 4, . | 2.5 | 0 |
| 67 | Psychophysiological Responses to Immersion. , 2016, , 77-98. | | 0 |
| 68 | Testing traditions in cycling: newspapers are effective thermal insulators during simulated downhill cycling. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 61, 109-116. | 0.4 | 0 |