

# 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

361413  
20  
h-index

345221  
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.	6.1	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.	0.4	89
3	Central fatigue theory and endurance exercise: Toward an interoceptive model. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 93, 93-107.	6.1	83
4	Post-exercise cooling techniques in hot, humid conditions. <i>European Journal of Applied Physiology</i> , 2009, 107, 385-396.	2.5	80
5	Cognitive fatigue effects on physical performance: A systematic review and meta-analysis. <i>Physiology and Behavior</i> , 2018, 188, 103-107.	2.1	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.	0.5	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.	2.3	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.	1.6	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.	1.6	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.	3.2	45
11	Profiling the Responses of Soccer Substitutes: A Review of Current Literature. <i>Sports Medicine</i> , 2018, 48, 2255-2269.	6.5	44
12	Psychological Skills Training Improves Exercise Performance in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 387-396.	0.4	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.	2.9	39
14	Relieving thermal discomfort: Effects of sprayed L-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.	2.9	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.	6.5	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.	6.7	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.	2.5	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.	6.7	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.	2.5	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.	0.5	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.	2.5	25
22	Practitioner perceptions regarding the practices of soccer substitutes. <i>PLoS ONE</i> , 2020, 15, e0228790.	2.5	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.	2.3	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.	2.3	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.	2.5	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, .	0.2	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.	2.5	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.	2.5	17
29	Responses to Sudden Cold-Water Immersion in Inexperienced Swimmers Following Training. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 850-855.	0.5	16
30	Cycling cadence affects heart rate variability. <i>Physiological Measurement</i> , 2011, 32, 1133-1145.	2.1	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.	6.5	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.	0.5	14
33	Water immersion as a recovery aid from intermittent shuttle running exercise. <i>European Journal of Sport Science</i> , 2012, 12, 509-514.	2.7	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.	2.5	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.	0.5	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.	2.1	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.	2.1	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.	2.1	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.	3.7	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.	2.1	9
41	Reduction in predicted survival times in cold water due to wind and waves. <i>Applied Ergonomics</i> , 2015, 49, 18-24.	3.1	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.	2.9	9
43	Correction factors for assessing immersion suits under harsh conditions. <i>Applied Ergonomics</i> , 2016, 53, 87-94.	3.1	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.	2.5	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.	1.4	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.	1.3	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.	2.9	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.	2.9	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.	2.3	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.	2.5	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.	6.5	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.	0.7	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.	1.8	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. International Journal of Sports Physiology and Performance, 2021, 16, 103-109.	2.3	4
56	Marathon Performance and Pacing in the Doha 2019 Women's IAAF World Championships: Extreme Heat, Suboptimal Pacing, and High Failure Rates. International Journal of Sports Physiology and Performance, 2022, 17, 1119-1125.	2.3	4
57	North Pole Marathon Laboratory Lessons and Field Success. Aerospace Medicine and Human Performance, 2016, 87, 493-497.	0.4	3
58	Effective Transcranial Direct Current Stimulation Parameters for the Modulation of Eating Behavior: A Systematic Literature Review and Meta-Analysis. Psychosomatic Medicine, 2022, 84, 646-657.	2.0	3
59	Performance of Emergency Underwater Breathing Systems in Cool (25°C) and Cold (12°C) Water. Aviation, Space, and Environmental Medicine, 2010, 81, 1002-1007.	0.5	2
60	Inherent Work Suit Buoyancy Distribution: Effects on Lifejacket Self-Righting Performance. Aviation, Space, and Environmental Medicine, 2014, 85, 960-964.	0.5	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. Frontiers in Psychology, 2018, 9, 510.	2.1	2
62	The influence of thermal perception change using l-menthol on pacing regulation during exercise in the heat. British Journal of Sports Medicine, 2011, 45, A2-A2.	6.7	1
63	Effects of ice-slurry and carbohydrate on exercise in the heat. Extreme Physiology and Medicine, 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]. Physiology and Behavior, 2019, 198, 162-163.	2.1	1
65	The energetic, kinematic and kinetic responses to load carried on the back, on the head and in a doublepack. Ergonomics, 2021, 64, 1191-1204.	2.1	1
66	Prolonged anxiety on habituation of the cold shock response. Extreme Physiology and Medicine, 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. Journal of Sports Medicine and Physical Fitness, 2020, 61, 109-116.	0.7	0