

# 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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Practitioner perceptions regarding the practices of soccer substitutes. <i>PLoS ONE</i> , 2020, 15, e0228790.	1.1	23
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Cognitive fatigue effects on physical performance: A systematic review and meta-analysis. <i>Physiology and Behavior</i> , 2018, 188, 103-107.	1.0	73
20	Central fatigue theory and endurance exercise: Toward an interoceptive model. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 93, 93-107.	2.9	83
21	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
22	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
23	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
24	Profiling the Responses of Soccer Substitutes: A Review of Current Literature. <i>Sports Medicine</i> , 2018, 48, 2255-2269.	3.1	44
25	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
26	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
27	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
28	Psychophysiological Responses to Immersion. , 2016, , 77-98.		0
29	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
30	North Pole Marathon Laboratory Lessons and Field Success. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 493-497.	0.2	3
31	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
32	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
33	“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
34	Correction factors for assessing immersion suits under harsh conditions. <i>Applied Ergonomics</i> , 2016, 53, 87-94.	1.7	8
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Effects of ice-slurry and carbohydrate on exercise in the heat. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	1
39	Prolonged anxiety on habituation of the cold shock response. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	0
40	Reduction in predicted survival times in cold water due to wind and waves. <i>Applied Ergonomics</i> , 2015, 49, 18-24.	1.7	9
41	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
42	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.	1.3	37
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	Cycling cadence affects heart rate variability. <i>Physiological Measurement</i> , 2011, 32, 1133-1145.	1.2	15

#	ARTICLE	IF	CITATIONS
55	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
56	“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
57	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
58	“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
59	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
60	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
61	Post-exercise cooling techniques in hot, humid conditions. <i>European Journal of Applied Physiology</i> , 2009, 107, 385-396.	1.2	80
62	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
63	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
64	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
65	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
66	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
67	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
68	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