

Mark Waldron

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

1,170
citations

19
h-index

32
g-index

78
ext. papers

1,462
ext. citations

3.6
avg, IF

5
L-index

#	Paper	IF	Citations
75	Repeated Ischemic Preconditioning Effects on Physiological Responses to Hypoxic Exercise.. <i>Aerospace Medicine and Human Performance</i> , 2022 , 93, 13-21	1.1	1
74	Corticospinal and peripheral responses to heat-induced hypo-hydration: potential physiological mechanisms and implications for neuromuscular function.. <i>European Journal of Applied Physiology</i> , 2022 , 1	3.4	
73	International female rugby union players\anthropometric and physical performance characteristics: A five-year longitudinal analysis by individual positional groups. <i>Journal of Sports Sciences</i> , 2021 , 1-9	3.6	3
72	Effects of Heat Acclimation and Acclimatisation on Maximal Aerobic Capacity Compared to Exercise Alone in Both Thermoneutral and Hot Environments: A Meta-Analysis and Meta-Regression. <i>Sports Medicine</i> , 2021 , 51, 1509-1525	10.6	5
71	Elite international female rugby union physical match demands: A five-year longitudinal analysis by position and opposition quality. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 1173-1179	4.4	4
70	A Comparison of Match Demands Using Ball-in-Play versus Whole Match Data in Professional Soccer Players of the English Championship. <i>Sports</i> , 2021 , 9,	3	3
69	A new energetics model for the assessment of the power-duration relationship during over-ground running. <i>European Journal of Sport Science</i> , 2021 , 1-11	3.9	
68	The Effect of Dietary Supplements on Endurance Exercise Performance and Core Temperature in Hot Environments: A Meta-analysis and Meta-regression. <i>Sports Medicine</i> , 2021 , 51, 2351-2371	10.6	1
67	The effect of acute and repeated ischemic preconditioning on recovery following exercise-induced muscle damage. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 709-714	4.4	2
66	No thermoregulatory or ergogenic effect of dietary nitrate among physically inactive males, exercising above gas exchange threshold in hot and dry conditions. <i>European Journal of Sport Science</i> , 2021 , 21, 370-378	3.9	4
65	Leucine Supplementation Increases Muscle Strength and Volume, Reduces Inflammation, and Affects Wellbeing in Adults and Adolescents with Cerebral Palsy. <i>Journal of Nutrition</i> , 2021 , 151, 59-64	4.1	6
64	Thermo-behavioural responses to orally applied l-menthol exhibit sex-specific differences during exercise in a hot environment. <i>Physiology and Behavior</i> , 2021 , 229, 113250	3.5	4
63	Concentric versus eccentric training: Effect on muscle strength, regional morphology, and architecture. <i>Translational Sports Medicine</i> , 2021 , 4, 46-55	1.3	4
62	Optimised force-velocity training during pre-season enhances physical performance in professional rugby league players. <i>Journal of Sports Sciences</i> , 2021 , 39, 91-100	3.6	5
61	Summated training and match load predictors of salivary immunoglobulin-A, alpha-amylase, testosterone, cortisol and T:C profile changes in elite-level professional football players: A longitudinal analysis. <i>European Journal of Sport Science</i> , 2021 , 1-11	3.9	1
60	Restrictions in Ankle Dorsiflexion Range of Motion Alter Landing Kinematics But Not Movement Strategy When Fatigued. <i>Journal of Sport Rehabilitation</i> , 2021 , 30, 911-919	1.7	1
59	A New Foot-Mounted Inertial Measurement System in Soccer: Reliability and Comparison to Global Positioning Systems for Velocity Measurements During Team Sport Actions. <i>Journal of Human Kinetics</i> , 2021 , 77, 37-50	2.6	4

58	Predicting middle-distance track and cross-country performances of national and international level adolescent runners. <i>European Journal of Sport Science</i> , 2021 , 1-9	3.9	
57	Response to Comment on: "Effects of Heat Acclimation and Acclimatisation on Maximal Aerobic Capacity Compared to Exercise Alone in Both Thermoneutral and Hot Environments: A Meta-Analysis and Meta-Regression". <i>Sports Medicine</i> , 2021 , 1	10.6	2
56	Prior workload has moderate effects on high-intensity match performance in elite-level professional football players when controlling for situational and contextual variables. <i>Journal of Sports Sciences</i> , 2020 , 38, 2279-2290	3.6	12
55	Systematic Review and Meta-Analysis of Candidate Gene Association Studies With Fracture Risk in Physically Active Participants. <i>Frontiers in Genetics</i> , 2020 , 11, 551	4.5	2
54	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	10.6	11
53	WITHIN-SESSION RELIABILITY FOR INTER-LIMB ASYMMETRIES IN ANKLE DORSIFLEXION RANGE OF MOTION MEASURED DURING THE WEIGHT-BEARING LUNGE TEST. <i>International Journal of Sports Physical Therapy</i> , 2020 , 15, 64-73	1.4	3
52	Large Reductions in Match Play Physical Performance Variables Across a Professional Football Season With Control for Situational and Contextual Variables. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 570937	2.3	3
51	Assessing the whole-match and worst-case scenario locomotor demands of international women's rugby union match-play. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 609-614	4.4	7
50	Exercise tolerance during flat over-ground intermittent running: modelling the expenditure and reconstitution kinetics of work done above critical power. <i>European Journal of Applied Physiology</i> , 2020 , 120, 219-230	3.4	3
49	Physiological and thermoregulatory effects of oral taurine supplementation on exercise tolerance during forced convective cooling. <i>European Journal of Sport Science</i> , 2020 , 1-9	3.9	
48	Concurrent adaptations in maximal aerobic capacity, heat tolerance, microvascular blood flow and oxygen extraction following heat acclimation and ischemic preconditioning. <i>Journal of Thermal Biology</i> , 2020 , 93, 102724	2.9	2
47	A model for calculating the mechanical demands of overground running. <i>Sports Biomechanics</i> , 2020 , 1-22.2	2.2	4
46	Acute Neuromuscular Electrical Stimulation (NMES) With Blood Flow Restriction: The Effect of Restriction Pressures. <i>Journal of Sport Rehabilitation</i> , 2020 , 30, 375-383	1.7	4
45	Physiological Responses to Linear and Nonlinear Soccer-specific Match Simulations and Their Effects on Lower-Limb Muscle Fatigue. <i>Journal of Strength and Conditioning Research</i> , 2020 , 34, 3232-3240	2.2	1
44	Oral taurine improves critical power and severe-intensity exercise tolerance. <i>Amino Acids</i> , 2019 , 51, 1433-1441	3.5	9
43	Seven-day ischaemic preconditioning improves muscle efficiency during cycling. <i>Journal of Sports Sciences</i> , 2019 , 37, 2798-2805	3.6	6
42	The time course of adaptations in thermoneutral maximal oxygen consumption following heat acclimation. <i>European Journal of Applied Physiology</i> , 2019 , 119, 2391-2399	3.4	10
41	The effect of severe and moderate hypoxia on exercise at a fixed level of perceived exertion. <i>European Journal of Applied Physiology</i> , 2019 , 119, 1213-1224	3.4	9

40	Ankle dorsiflexion range of motion is associated with kinematic but not kinetic variables related to bilateral drop-landing performance at various drop heights. <i>Human Movement Science</i> , 2019 , 64, 320-328 ^{2.4}	16
39	Acute taurine supplementation enhances thermoregulation and endurance cycling performance in the heat. <i>European Journal of Sport Science</i> , 2019 , 19, 1101-1109	3.9 6
38	The effects of menthol on exercise performance and thermal sensation: A meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 707-715	4.4 18
37	Effects of Small-Sided Game Variation on Changes in Hamstring Strength. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 839-845	3.2 4
36	The Difference in Neuromuscular Fatigue and Workload During Competition and Training in Elite Cricketers. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 439-444	3.5 4
35	Transient Fatigue is Not Influenced by Ball-In-Play Time During Elite Rugby League Matches. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 146-151	3.2 1
34	Quantification of bowling workload and changes in cognitive function in elite fast bowlers in training compared with Twenty20 Cricket. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 35-41 ^{1.4}	1
33	Beetroot supplementation improves the physiological responses to incline walking. <i>European Journal of Applied Physiology</i> , 2018 , 118, 1131-1141	3.4 4
32	The Effects of an Oral Taurine Dose and Supplementation Period on Endurance Exercise Performance in Humans: A Meta-Analysis. <i>Sports Medicine</i> , 2018 , 48, 1247-1253	10.6 26
31	Modelling Movement Energetics Using Global Positioning System Devices in Contact Team Sports: Limitations and Solutions. <i>Sports Medicine</i> , 2018 , 48, 1357-1368	10.6 12
30	The effects of taurine on repeat sprint cycling after low or high cadence exhaustive exercise in females. <i>Amino Acids</i> , 2018 , 50, 663-669	3.5 7
29	Enhanced Local Skeletal Muscle Oxidative Capacity and Microvascular Blood Flow Following 7-Day Ischemic Preconditioning in Healthy Humans. <i>Frontiers in Physiology</i> , 2018 , 9, 463	4.6 19
28	The Effects of Oral Taurine on Resting Blood Pressure in Humans: a Meta-Analysis. <i>Current Hypertension Reports</i> , 2018 , 20, 81	4.7 19
27	Reliability of independent kinetic variables and measures of inter-limb asymmetry associated with bilateral drop-landing performance. <i>International Journal of Physical Education Fitness and Sports</i> , 2018 , 7, 32-47	4
26	Inter-Day Reliability of Finapres Cardiovascular Measurements During Rest and Exercise. <i>Sports Medicine International Open</i> , 2018 , 2, E9-E15	1.7 8
25	Influence and reliability of lower-limb arterial occlusion pressure at different body positions. <i>PeerJ</i> , 2018 , 6, e4697	3.1 29
24	L-Menthol mouth rinse or ice slurry ingestion during the latter stages of exercise in the heat provide a novel stimulus to enhance performance despite elevation in mean body temperature. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2435-2442	3.4 19
23	The effects of acute leucine or leucine-glutamine co-ingestion on recovery from eccentrically biased exercise. <i>Amino Acids</i> , 2018 , 50, 831-839	3.5 3

22	The effects of mental fatigue on cricket-relevant performance among elite players. <i>Journal of Sports Sciences</i> , 2017 , 35, 2461-2467	3.6	26
21	The effects of acute branched-chain amino acid supplementation on recovery from a single bout of hypertrophy exercise in resistance-trained athletes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 630-636	3	20
20	Oral L-menthol reduces thermal sensation, increases work-rate and extends time to exhaustion, in the heat at a fixed rating of perceived exertion. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1501-1512	3.4	35
19	The Effects of Caffeine, Taurine, or Caffeine-Taurine Coingestion on Repeat-Sprint Cycling Performance and Physiological Responses. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 1341-1347	3.5	19
18	The relationship between heart rate recovery and temporary fatigue of kinematic and energetic indices among soccer players. <i>Science and Medicine in Football</i> , 2017 , 1, 132-138	2.7	2
17	Effects of familiarization on reliability of muscle-activation and gross efficiency in adolescents and adults. <i>Cogent Medicine</i> , 2016 , 3, 1237606	1.4	3
16	Predicting the Sprint Performance of Adolescent Track Cyclists Using the 3-Minute All-out Test. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 2299-306	3.2	6
15	Ecological Validity and Reliability of the Rugby Sevens Simulation Protocol. <i>International Journal of Sports Physiology and Performance</i> , 2016 , 11, 749-755	3.5	3
14	Augmenting performance feedback does not affect 4 km cycling time-trials in the heat. <i>Journal of Sports Sciences</i> , 2015 , 33, 786-94	3.6	5
13	Running-Intensity Fluctuations in Elite Rugby Sevens Performance. <i>International Journal of Sports Physiology and Performance</i> , 2015 , 10, 802-7	3.5	40
12	Fatigue and pacing in high-intensity intermittent team sport: an update. <i>Sports Medicine</i> , 2014 , 44, 1645-58.6	3.6	97
11	Movement demands of elite rugby league players during Australian National Rugby League and European Super League matches. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 925-30	3.5	56
10	A three-season comparison of match performances among selected and unselected elite youth rugby league players. <i>Journal of Sports Sciences</i> , 2014 , 32, 1110-9	3.6	14
9	The relationship between physical abilities, ball-carrying and tackling among elite youth rugby league players. <i>Journal of Sports Sciences</i> , 2014 , 32, 542-9	3.6	24
8	Changes in anthropometry and performance, and their interrelationships, across three seasons in elite youth rugby league players. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 3128-36	3.2	19
7	Preliminary evidence of transient fatigue and pacing during interchanges in rugby league. <i>International Journal of Sports Physiology and Performance</i> , 2013 , 8, 157-64	3.5	57
6	A comparison of physical abilities and match performance characteristics among elite and subelite under-14 soccer players. <i>Pediatric Exercise Science</i> , 2013 , 25, 423-34	2	36
5	The reliability of a rugby league movement-simulation protocol designed to replicate the performance of interchanged players. <i>International Journal of Sports Physiology and Performance</i> , 2013 , 8, 483-9	3.5	19

4	Neuromuscular, biochemical and perceptual post-match fatigue in professional rugby league forwards and backs. <i>Journal of Sports Sciences</i> , 2012 , 30, 359-67	3.6	92
3	Concurrent validity and test-retest reliability of a global positioning system (GPS) and timing gates to assess sprint performance variables. <i>Journal of Sports Sciences</i> , 2011 , 29, 1613-9	3.6	110
2	Movement and physiological match demands of elite rugby league using portable global positioning systems. <i>Journal of Sports Sciences</i> , 2011 , 29, 1223-30	3.6	118
1	Differences in the Game Specific Skills of Elite and Sub-Elite Youth Football Players: Implications for Talent Identification. <i>International Journal of Performance Analysis in Sport</i> , 2010 , 10, 9-24	1.8	32