

Lars R Mc Naughton

List of Publications by Year in descending order

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Version: 2024-02-01

162
papers

6,319
citations

53660

45
h-index

88477

70
g-index

163
all docs

163
docs citations

163
times ranked

5679
citing authors

#	ARTICLE	IF	CITATIONS
1	Criteria for Determination of Maximal Oxygen Uptake. <i>Sports Medicine</i> , 2007, 37, 1019-1028.	3.1	350
2	The effects of multidirectional soccer-specific fatigue on markers of hamstring injury risk. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 120-125.	0.6	204
3	Effects of sleep deprivation and exercise on cognitive, motor performance and mood. <i>Physiology and Behavior</i> , 2006, 87, 396-408.	1.0	201
4	Training to Enhance the Physiological Determinants of Long-Distance Running Performance. <i>Sports Medicine</i> , 2007, 37, 857-880.	3.1	194
5	BMI, leisure-time physical activity, and physical fitness in adults in China: results from a series of national surveys, 2000â€“14. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 487-497.	5.5	180
6	Is there an Optimal Training Intensity for Enhancing the Maximal Oxygen Uptake of Distance Runners?. <i>Sports Medicine</i> , 2006, 36, 117-132.	3.1	176
7	Specific Aspects of Contemporary Triathlon. <i>Sports Medicine</i> , 2002, 32, 345-359.	3.1	131
8	Soccer Fatigue, Sprinting and Hamstring Injury Risk. <i>International Journal of Sports Medicine</i> , 2009, 30, 573-578.	0.8	127
9	Ergogenic Effects of Sodium Bicarbonate. <i>Current Sports Medicine Reports</i> , 2008, 7, 230-236.	0.5	115
10	Gait patterns in transtibial amputee fallers vs. non-fallers: Biomechanical differences during level walking. <i>Gait and Posture</i> , 2009, 29, 415-420.	0.6	115
11	Challenging a Dogma of Exercise Physiology. <i>Sports Medicine</i> , 2008, 38, 441-447.	3.1	111
12	Evaluation of true maximal oxygen uptake based on a novel set of standardized criteria. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 115-123.	0.9	109
13	A Systematic Review into the Efficacy of Static Stretching as Part of a Warm-Up for the Prevention of Exercise-Related Injury. <i>Research in Sports Medicine</i> , 2008, 16, 213-231.	0.7	105
14	Bicarbonate ingestion: Effects of dosage on 60 s cycle ergometry. <i>Journal of Sports Sciences</i> , 1992, 10, 415-423.	1.0	90
15	Effects of 4-wk training using V_{max}/T_{max} on $\dot{V}O_{2max}$ and performance in athletes. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 892-896.	0.2	89
16	Peak power output, the lactate threshold, and time trial performance in cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 2077-2081.	0.2	87
17	Induced metabolic alkalosis and its effects on 400-m racing time. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1988, 57, 45-48.	1.2	86
18	Verification phase as a useful tool in the determination of the maximal oxygen uptake of distance runners. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 541-548.	0.9	86

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19	Postural Responses to Dynamic Perturbations in Amputee Fallers Versus Nonfallers: A Comparative Study With Able-Bodied Subjects. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 1018-1025.	0.5	81
20	Comparison of W _{peak} , VO _{2peak} and the ventilation threshold from two different incremental exercise tests: Relationship to endurance performance. <i>Journal of Science and Medicine in Sport</i> , 2003, 6, 422-435.	0.6	76
21	Effects of chronic bicarbonate ingestion on the performance of high-intensity work. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1999, 80, 333-336.	1.2	73
22	Effect of Timing of Eccentric Hamstring Strengthening Exercises During Soccer Training: Implications for Muscle Fatigability. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1077-1083.	1.0	73
23	Sodium bicarbonate can be used as an ergogenic aid in high-intensity, competitive cycle ergometry of 1â€‰h duration. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1999, 80, 64-69.	1.2	69
24	A Comparison of the Lactate Pro, Accusport, Analox GM7 and Kodak Ektachem Lactate Analysers in Normal, Hot and Humid Conditions. <i>International Journal of Sports Medicine</i> , 2002, 23, 130-135.	0.8	69
25	Inducible heat shock protein 70 and its role in preconditioning and exercise. <i>Amino Acids</i> , 2008, 34, 511-516.	1.2	68
26	Sodium bicarbonate ingestion and its effects on anaerobic exercise of various durations. <i>Journal of Sports Sciences</i> , 1992, 10, 425-435.	1.0	66
27	Effective Speed and Agility Conditioning Methodology for Random Intermittent Dynamic Type Sports. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 1093.	1.0	66
28	Exercise-induced dehydration with and without environmental heat stress results in increased oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 698-706.	0.9	61
29	Competitor presence reduces internal attentional focus and improves 16.1km cycling time trial performance. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 486-491.	0.6	61
30	Physiological and Mechanical Response to Soccer-Specific Intermittent Activity and Steady-State Activity. <i>Research in Sports Medicine</i> , 2006, 14, 29-52.	0.7	57
31	Recent Developments in the Use of Sodium Bicarbonate as an Ergogenic Aid. <i>Current Sports Medicine Reports</i> , 2016, 15, 233-244.	0.5	57
32	Time to Optimize Supplementation: Modifying Factors Influencing the Individual Responses to Extracellular Buffering Agents. <i>Frontiers in Nutrition</i> , 2018, 5, 35.	1.6	57
33	Caffeine Ingestion Prior to Incremental Cycling to Exhaustion in Recreational Cyclists. <i>International Journal of Sports Medicine</i> , 1990, 11, 188-193.	0.8	56
34	Effects of Fatigue on Ability to Process Visual Information by Experienced Orienteers. <i>Perceptual and Motor Skills</i> , 1986, 62, 491-498.	0.6	55
35	Sodium citrate and anaerobic performance: implications of dosage. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1990, 61, 392-397.	1.2	55
36	Astaxanthin in Exercise Metabolism, Performance and Recovery: A Review. <i>Frontiers in Nutrition</i> , 2017, 4, 76.	1.6	55

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37	Taekwondo Exercise Protocols do not Recreate the Physiological Responses of Championship Combat. <i>International Journal of Sports Medicine</i> , 2013, 34, 573-581.	0.8	53
38	Release of VCAM-1 associated endothelial microparticles following simulated SCUBA dives. <i>European Journal of Applied Physiology</i> , 2009, 105, 507-513.	1.2	51
39	Physiological and Psychological Effects of Deception on Pacing Strategy and Performance: A Review. <i>Sports Medicine</i> , 2013, 43, 1243-1257.	3.1	51
40	Ingestion of a Nitric Oxide Enhancing Supplement Improves Resistance Exercise Performance. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 3520-3524.	1.0	51
41	The Effects of Novel Ingestion of Sodium Bicarbonate on Repeated Sprint Ability. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 561-568.	1.0	51
42	Effect of the o2time-averaging interval on the reproducibility of o2maxin healthy athletic subjects. <i>Clinical Physiology and Functional Imaging</i> , 2007, 27, 122-125.	0.5	48
43	Effect of the glycaemic index of a pre-exercise meal on metabolism and cycling time trial performance. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 182-188.	0.6	48
44	Effect of Induced Alkalosis on the Power-Duration Relationship of "All-out" Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 563-570.	0.2	48
45	The effects of creatine supplementation on high-intensity exercise performance in elite performers. <i>European Journal of Applied Physiology</i> , 1998, 78, 236-240.	1.2	47
46	Endothelial Function and Stress Response After Simulated Dives to 18 msw Breathing Air or Oxygen. <i>Aviation, Space, and Environmental Medicine</i> , 2010, 81, 41-45.	0.6	47
47	The Effects of Caffeine Ingestion on Time Trial Cycling Performance. <i>International Journal of Sports Physiology and Performance</i> , 2008, 3, 157-163.	1.1	44
48	The effect of 15 consecutive days of heat+exercise acclimation on heat shock protein 70. <i>Cell Stress and Chaperones</i> , 2008, 13, 169-175.	1.2	43
49	A Comparison of Three Strains of Holstein-Friesian Cows Grazed on Pasture: Growth, Development, and Puberty. <i>Journal of Dairy Science</i> , 2007, 90, 3993-4003.	1.4	42
50	Hypoxia Mediated Release of Endothelial Microparticles and Increased Association of S100A12 with Circulating Neutrophils. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 2-6.	1.9	42
51	Validation of Several Methods of Estimating Maximal Oxygen Uptake in Young Men. <i>Perceptual and Motor Skills</i> , 1998, 87, 575-584.	0.6	41
52	NRF2 Genotype Improves Endurance Capacity in Response to Training. <i>International Journal of Sports Medicine</i> , 2007, 28, 717-721.	0.8	40
53	Sodium citrate ingestion and its effects on maximal anaerobic exercise of different durations. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992, 64, 36-41.	1.2	39
54	Sodium bicarbonate improves 4 km time trial cycling performance when individualised to time to peak blood bicarbonate in trained male cyclists. <i>Journal of Sports Sciences</i> , 2018, 36, 1705-1712.	1.0	38

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55	Time at or near VO ₂ max during continuous and intermittent running. A review with special reference to considerations for the optimisation of training protocols to elicit the longest time at or near VO ₂ max. <i>Journal of Sports Medicine and Physical Fitness</i> , 2006, 46, 1-14.	0.4	38
56	The effects of intensity of exercise on excess postexercise oxygen consumption and energy expenditure in moderately trained men and women. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993, 67, 420-425.	1.2	37
57	Microparticle-associated vascular adhesion molecule-1 and tissue factor follow a circadian rhythm in healthy human subjects. <i>Thrombosis and Haemostasis</i> , 2008, 99, 909-915.	1.8	36
58	Variation in basal heat shock protein 70 is correlated to core temperature in human subjects. <i>Amino Acids</i> , 2009, 37, 279-284.	1.2	36
59	Daily hypoxia increases basal monocyte HSP72 expression in healthy human subjects. <i>Amino Acids</i> , 2011, 40, 393-401.	1.2	33
60	The Reproducibility of Blood Acid Base Responses in Male Collegiate Athletes Following Individualised Doses of Sodium Bicarbonate: A Randomised Controlled Crossover Study. <i>Sports Medicine</i> , 2017, 47, 2117-2127.	3.1	33
61	Phosphate Loading and the Effects on VO ₂ max in Trained Cyclists. <i>Research Quarterly for Exercise and Sport</i> , 1990, 61, 80-84.	0.8	32
62	Effects of Differing Heat and Humidity on the Performance and Recovery from Multiple High Intensity, Intermittent Exercise Bouts. <i>International Journal of Sports Medicine</i> , 2000, 21, 400-405.	0.8	32
63	Heart Rate Variability Threshold Values for Early-Warning Nonfunctional Overreaching in Elite Female Wrestlers. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1511-1519.	1.0	31
64	Impact of stretching on the performance and injury risk of long-distance runners. <i>Research in Sports Medicine</i> , 2017, 25, 78-90.	0.7	31
65	Physiological Determinants of Time to Exhaustion during Intermittent Treadmill Running at v \dot{V} _A -O ₂ max. <i>International Journal of Sports Medicine</i> , 2007, 28, 273-280.	0.8	30
66	Effects of sodium phosphate and beetroot juice supplementation on repeated-sprint ability in females. <i>European Journal of Applied Physiology</i> , 2015, 115, 2205-2213.	1.2	30
67	The Physiological responses to Running and Walking in Water at Different Depths. <i>Research in Sports Medicine</i> , 2003, 11, 63-78.	0.7	29
68	Time at v \dot{V} _A -O ₂ max during Intermittent Treadmill Running: Test Protocol Dependent or Methodological Artefact?. <i>International Journal of Sports Medicine</i> , 2007, 28, 934-939.	0.8	28
69	Relative Torque Profiles of Elite Male Youth Footballers: Effects of Age and Pubertal Development. <i>International Journal of Sports Medicine</i> , 2009, 30, 592-597.	0.8	28
70	Is there a Potential Immune Dysfunction with Anabolic Androgenic Steroid Use?: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 438-445.	1.1	28
71	Quantifying the effects of acute hypoxic exposure on exercise performance and capacity: A systematic review and meta-analysis. <i>European Journal of Sport Science</i> , 2018, 18, 243-256.	1.4	28
72	The role of executive function in the self-regulation of endurance performance: A critical review. <i>Progress in Brain Research</i> , 2018, 240, 353-370.	0.9	28

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73	A Novel Ingestion Strategy for Sodium Bicarbonate Supplementation in a Delayed-Release Form: a Randomised Crossover Study in Trained Males. <i>Sports Medicine - Open</i> , 2019, 5, 4.	1.3	28
74	The effect of acute hypoxia on heat shock protein 72 expression and oxidative stress in vivo. <i>European Journal of Applied Physiology</i> , 2010, 109, 849-855.	1.2	26
75	Determinants of curvature constant ($W\hat{a}^{\text{TM}}$) of the power duration relationship under normoxia and hypoxia: the effect of pre-exercise alkalosis. <i>European Journal of Applied Physiology</i> , 2017, 117, 901-912.	1.2	26
76	Sodium bicarbonate supplementation improves severe-intensity intermittent exercise under moderate acute hypoxic conditions. <i>European Journal of Applied Physiology</i> , 2018, 118, 607-615.	1.2	26
77	Anaerobic work and power output during cycle ergometer exercise: Effects of bicarbonate loading. <i>Journal of Sports Sciences</i> , 1991, 9, 151-160.	1.0	25
78	Pre-Exercise Alkalosis and Acid-Base Recovery. <i>International Journal of Sports Medicine</i> , 2008, 29, 545-551.	0.8	25
79	A continuous mental task decreases the physiological response to soccer-specific intermittent exercise. <i>British Journal of Sports Medicine</i> , 2007, 41, 908-913.	3.1	24
80	The effect of acute taurine ingestion on 4-km time trial performance in trained cyclists. <i>Amino Acids</i> , 2016, 48, 2581-2587.	1.2	24
81	Reproducibility of Time at or near $\dot{V}\hat{A}\text{-O}_2\text{max}$ during Intermittent Treadmill Running. <i>International Journal of Sports Medicine</i> , 2007, 28, 40-47.	0.8	23
82	The Effects of Low \hat{a} and High \hat{a} Glycemic Index Meals on Time Trial Performance. <i>International Journal of Sports Physiology and Performance</i> , 2009, 4, 331-344.	1.1	23
83	Pre-exercise alkalosis attenuates the heat shock protein 72 response to a single-bout of anaerobic exercise. <i>Journal of Science and Medicine in Sport</i> , 2011, 14, 435-440.	0.6	23
84	The use of critical power as a determinant for establishing the onset of blood lactate accumulation. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 68, 182-187.	1.2	22
85	Effects of Differing Pedalling Speeds on the Power-Duration Relationship of High Intensity Cycle Ergometry. <i>International Journal of Sports Medicine</i> , 1996, 17, 287-292.	0.8	22
86	A Comparison of Hyperhydration Versus Ad Libitum Fluid Intake Strategies on Measures of Oxidative Stress, Thermoregulation, and Performance. <i>Research in Sports Medicine</i> , 2013, 21, 305-317.	0.7	22
87	Distance-dependent Association of Affect with Pacing Strategy in Cycling Time Trials. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 825-832.	0.2	22
88	Two Levels of Caffeine Ingestion on Blood Lactate and Free Fatty Acid Responses during Incremental Exercise. <i>Research Quarterly for Exercise and Sport</i> , 1987, 58, 255-259.	0.8	21
89	Prolonged stage duration during incremental cycle exercise: effects on the lactate threshold and onset of blood lactate accumulation. <i>European Journal of Applied Physiology</i> , 2001, 85, 351-357.	1.2	21
90	Hypoxia-mediated prior induction of monocyte-expressed HSP72 and HSP32 provides protection to the disturbances to redox balance associated with human sub-maximal aerobic exercise. <i>Amino Acids</i> , 2012, 43, 1933-1944.	1.2	21

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91	Altered Psychological Responses to Different Magnitudes of Deception during Cycling. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2423-2430.	0.2	21
92	The Reproducibility of 4-km Time Trial (TT) Performance Following Individualised Sodium Bicarbonate Supplementation: a Randomised Controlled Trial in Trained Cyclists. <i>Sports Medicine - Open</i> , 2017, 3, 34.	1.3	21
93	Effects of Intermittent Training on Anaerobic Performance and MCT Transporters in Athletes. <i>PLoS ONE</i> , 2014, 9, e95092.	1.1	21
94	Isokinetic Thigh Muscle Ratios in Youth Football: Effect of Age and Dominance. <i>International Journal of Sports Medicine</i> , 2009, 30, 602-606.	0.8	20
95	Lower Limb Kinematic and Kinetic Differences between Transtibial Amputee Fallers and Non-Fallers. <i>Prosthetics and Orthotics International</i> , 2010, 34, 399-410.	0.5	20
96	In vitro heat shock of human monocytes results in a proportional increase of inducible Hsp70 expression according to the basal content. <i>Amino Acids</i> , 2010, 38, 1423-1428.	1.2	19
97	Effects of sodium phosphate and caffeine loading on repeated-sprint ability. <i>Journal of Sports Sciences</i> , 2015, 33, 1971-1979.	1.0	19
98	The effect of beetroot juice supplementation on repeat-sprint performance in hypoxia. <i>Journal of Sports Sciences</i> , 2019, 37, 339-346.	1.0	19
99	Enteric-coated sodium bicarbonate supplementation improves high-intensity cycling performance in trained cyclists. <i>European Journal of Applied Physiology</i> , 2020, 120, 1563-1573.	1.2	19
100	Sodium Bicarbonate Ingestion Alters the Slow but Not the Fast Phase of $\dot{V}\dot{E}^{\text{TM}}\text{O}_2$ Kinetics. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1909-1917.	0.2	18
101	Daily quadratic trend in basal monocyte expressed HSP72 in healthy human subjects. <i>Amino Acids</i> , 2010, 38, 1483-1488.	1.2	18
102	Effect of continuous and intermittent bouts of isocaloric cycling and running exercise on excess postexercise oxygen consumption. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 187-192.	0.6	18
103	The temporal pattern of recovery in eccentric hamstring strength post-soccer specific fatigue. <i>Research in Sports Medicine</i> , 2019, 27, 339-350.	0.7	18
104	The Relationship Among Peak Power Output, Lactate Threshold, and Short-Distance Cycling Performance: Effects of Incremental Exercise Test Design. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 157.	1.0	18
105	Deception Studies Manipulating Centrally Acting Performance Modifiers. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1441-1451.	0.2	17
106	Validity and Reliability of the Look Keo Power Pedal System for Measuring Power Output During Incremental and Repeated Sprint Cycling. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 39-45.	1.1	17
107	Post-exercise Supplementation of Sodium Bicarbonate Improves Acid Base Balance Recovery and Subsequent High-Intensity Boxing Specific Performance. <i>Frontiers in Nutrition</i> , 2019, 6, 155.	1.6	17
108	Effects of Oral Administration of Aspartic Acid Salts on the Endurance Capacity of Trained Athletes. <i>Research Quarterly for Exercise and Sport</i> , 1988, 59, 234-239.	0.8	16

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109	Critical power may be determined from two tests in elite kayakers. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 68, 36-40.	1.2	16
110	Sodium bicarbonate ingestion and individual variability in time-to-peak pH. <i>Research in Sports Medicine</i> , 2017, 25, 58-66.	0.7	15
111	The influence of alkalosis on repeated high-intensity exercise performance and acid-base balance recovery in acute moderate hypoxic conditions. <i>European Journal of Applied Physiology</i> , 2018, 118, 2489-2498.	1.2	15
112	The effects of sodium bicarbonate ingestion on cycling performance and acid base balance recovery in acute normobaric hypoxia. <i>Journal of Sports Sciences</i> , 2019, 37, 1464-1471.	1.0	15
113	Fundamental Movement Patterns in Tasmanian Primary School Children. <i>Perceptual and Motor Skills</i> , 1997, 84, 307-316.	0.6	14
114	High versus low glycemic index 3-h recovery diets following glycogen-depleting exercise has no effect on subsequent 5-km cycling time trial performance. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 450-454.	0.6	14
115	A critical review of citrulline malate supplementation and exercise performance. <i>European Journal of Applied Physiology</i> , 2021, 121, 3283-3295.	1.2	14
116	Enteric-Coated Sodium Bicarbonate Attenuates Gastrointestinal Side-Effects. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2020, 30, 62-68.	1.0	14
117	Adherence to Sport Injury Rehabilitation Programmes: A Conceptual Review. <i>Research in Sports Medicine</i> , 2006, 14, 149-162.	0.7	13
118	An 8-Year Longitudinal Study of Overreaching in 114 Elite Female Chinese Wrestlers. <i>Journal of Athletic Training</i> , 2015, 50, 217-223.	0.9	13
119	Deception has no acute or residual effect on cycling time trial performance but negatively effects perceptual responses. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 771-776.	0.6	13
120	Information Acquisition Differences between Experienced and Novice Time Trial Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1884-1898.	0.2	13
121	Portable gas analyser Cosmed K4b2 compared to a laboratory based mass spectrometer system. <i>Journal of Sports Medicine and Physical Fitness</i> , 2005, 45, 315-23.	0.4	13
122	Sleep Deprivation, Energy Expenditure and Cardiorespiratory Function. <i>International Journal of Sports Medicine</i> , 2004, 25, 421-426.	0.8	12
123	The Relationship between the Lactate Turnpoint and the Time at $\dot{V}\hat{A}\text{-O}_2\text{max}$ during a Constant Velocity Run to Exhaustion. <i>International Journal of Sports Medicine</i> , 2006, 27, 278-282.	0.8	12
124	Soccer-specific Fatigue Decreases Reactive Postural Control with Implications for Ankle Sprain Injury. <i>Research in Sports Medicine</i> , 2014, 22, 368-379.	0.7	12
125	Improvements in Cycling Time Trial Performance Are Not Sustained Following the Acute Provision of Challenging and Deceptive Feedback. <i>Frontiers in Physiology</i> , 2016, 7, 399.	1.3	12
126	The effect of astaxanthin supplementation on performance and fat oxidation during a 40 km cycling time trial. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 92-97.	0.6	12

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127	Maximal accumulated oxygen deficit must be calculated using 10-min time periods. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1346-1349.	0.2	12
128	Extracellular Buffering Supplements to Improve Exercise Capacity and Performance: A Comprehensive Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2022, 52, 505-526.	3.1	12
129	The acute 1-week effects of the Zone diet on body composition, blood lipid levels, and performance in recreational endurance athletes. <i>Journal of Strength and Conditioning Research</i> , 2002, 16, 50-7.	1.0	12
130	Changing the Number of Submaximal Exercise Bouts Effects Calculation of MAOD. <i>International Journal of Sports Medicine</i> , 1999, 20, 28-33.	0.8	10
131	Effects of active and passive hyperthermia on heat shock protein 70 (HSP70). <i>Amino Acids</i> , 2008, 34, 203-211.	1.2	10
132	Hydration, Thermoregulation, and Performance Effects of Two Sport Drinks during Soccer Training Sessions. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1394-1401.	1.0	10
133	Sodium bicarbonate supplementation and the female athlete: A brief commentary with small scale systematic review and meta-analysis. <i>European Journal of Sport Science</i> , 2022, 22, 745-754.	1.4	10
134	Effect of Sodium Bicarbonate Ingestion on High Intensity Exercise in Moderately Trained Women. <i>Journal of Strength and Conditioning Research</i> , 1997, 11, 98.	1.0	10
135	The Effect of Superoxygenated Water on Blood Gases, Lactate, and Aerobic Cycling Performance. <i>International Journal of Sports Physiology and Performance</i> , 2007, 2, 377-385.	1.1	9
136	The Effect of the Hyperbaric Environment on Heat Shock Protein 72 Expression <i>in Vivo</i> . <i>Research in Sports Medicine</i> , 2012, 20, 142-153.	0.7	9
137	Sodium phosphate supplementation and time trial performance in female cyclists. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 469-75.	0.7	9
138	Exercise tolerance during VO_{2max} testing is a multifactorial psychobiological phenomenon. <i>Research in Sports Medicine</i> , 2017, 25, 480-494.	0.7	8
139	Characterizing thermoregulatory demands of female wheelchair basketball players during competition. <i>Research in Sports Medicine</i> , 2020, 28, 256-267.	0.7	8
140	High dose Nitrate ingestion does not improve 40 km cycling time trial performance in trained cyclists. <i>Research in Sports Medicine</i> , 2020, 28, 138-146.	0.7	8
141	A Prediction Model for Peak Power Output From Different Incremental Exercise Tests. <i>International Journal of Sports Physiology and Performance</i> , 2006, 1, 122-136.	1.1	7
142	Metabolic Alkalosis, Recovery and Sprint Performance. <i>International Journal of Sports Medicine</i> , 2010, 31, 797-802.	0.8	7
143	The effect of an acute antioxidant supplementation compared with placebo on performance and hormonal response during a high volume resistance training session. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 10.	1.7	7
144	Dietary habits and energy balance in an under 21 male international soccer team. <i>Research in Sports Medicine</i> , 2018, 26, 168-177.	0.7	7

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145	The effects of caffeine ingestion on time trial cycling performance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2008, 48, 320-5.	0.4	7
146	BJSM reviews: A-Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance Part 5. <i>British Journal of Sports Medicine</i> , 2010, 44, 77-78.	3.1	6
147	Deceptive Manipulation of Competitive Starting Strategies Influences Subsequent Pacing, Physiological Status, and Perceptual Responses during Cycling Time Trials. <i>Frontiers in Physiology</i> , 2016, 7, 536.	1.3	6
148	Nutrition in Soccer: A Brief Review of the Issues and Solutions. <i>Journal of Science in Sport and Exercise</i> , 2019, 1, 3-12.	0.4	4
149	The time to peak blood bicarbonate (HCO_3^-), pH, and the strong ion difference (SID) following sodium bicarbonate (NaHCO_3) ingestion in highly trained adolescent swimmers. <i>PLoS ONE</i> , 2021, 16, e0248456.	1.1	4
150	The effects of prior incremental cycle exercise on the physiological responses during incremental running to exhaustion: relevance for sprint triathlon performance. <i>Journal of Sports Sciences</i> , 2003, 21, 29-38.	1.0	4
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