David Bishop

List of Publications by Year in descending order

300 papers	18,071 citations	10986 71 h-index	19190 118 g-index
317 all docs	317 docs citations	317 times ranked	10318 citing authors

#	Article	IF	Citations
1	Repeated-Sprint Ability â€“ Part I. Sports Medicine, 2011, 41, 673-694.	6.5	577
2	Physiological and Metabolic Responses of Repeated-Sprint Activities. Sports Medicine, 2005, 35, 1025-1044.	6.5	548
3	Factors Modulating Post-Activation Potentiation and its Effect on Performance of Subsequent Explosive Activities. Sports Medicine, 2009, 39, 147-166.	6.5	503
4	Warm Up I. Sports Medicine, 2003, 33, 439-454.	6.5	472
5	Warm Up II. Sports Medicine, 2003, 33, 483-498.	6.5	468
6	Validity of Simple Field Tests as Indicators of Match-Related Physical Performance in Top-Level Professional Soccer Players. International Journal of Sports Medicine, 2007, 28, 228-235.	1.7	419
7	Repeated-Sprint Ability â€“ Part II. Sports Medicine, 2011, 41, 741-756.	6.5	394
8	Timeâ€“motion analysis of elite field hockey, with special reference to repeated-sprint activity. Journal of Sports Sciences, 2004, 22, 843-850.	2.0	336
9	Incremental Exercise Test Design and Analysis. Sports Medicine, 2007, 37, 575-586.	6.5	266
10	An acute bout of high-intensity interval training increases the nuclear abundance of PGC-1Î± and activates mitochondrial biogenesis in human skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1303-R1310.	1.8	252
11	Validity of a Repeated-Sprint Test for Football. International Journal of Sports Medicine, 2008, 29, 899-905.	1.7	241
12	Transcriptomic profiling of skeletal muscle adaptations to exercise and inactivity. Nature Communications, 2020, 11, 470.	12.8	235
13	Sprint vs. Interval Training in Football. International Journal of Sports Medicine, 2008, 29, 668-674.	1.7	231
14	Interference between Concurrent Resistance and Endurance Exercise: Molecular Bases and the Role of Individual Training Variables. Sports Medicine, 2014, 44, 743-762.	6.5	224
15	Effects of Warming-up on Physical Performance: A Systematic Review With Meta-analysis. Journal of Strength and Conditioning Research, 2010, 24, 140-148.	2.1	205
16	Exercise training and <scp>DNA</scp> methylation in humans. Acta Physiologica, 2015, 213, 39-59.	3.8	204
17	Induced Metabolic Alkalosis Affects Muscle Metabolism and Repeated-Sprint Ability. Medicine and Science in Sports and Exercise, 2004, 36, 807-813.	0.4	200
18	Wake up and smell the coffee: caffeine supplementation and exercise performanceâ€”an umbrella review of 21 published meta-analyses. British Journal of Sports Medicine, 2020, 54, 681-688.	6.7	192

#	Article	IF	Citations
19	The validity of a repeated sprint ability test. Journal of Science and Medicine in Sport, 2001, 4, 19-29.	1.3	190
20	The relationship between plasma lactate parameters, Wpeak and 1-h cycling performance in women. Medicine and Science in Sports and Exercise, 1998, 30, 1270-1275.	0.4	190
21	Fatigue in repeated-sprint exercise is related to muscle power factors and reduced neuromuscular activity. European Journal of Applied Physiology, 2008, 103, 411-419.	2.5	172
22	An Examination and Critique of Current Methods to Determine Exercise Intensity. Sports Medicine, 2020, 50, 1729-1756.	6.5	169
23	An Applied Research Model for the Sport Sciences. Sports Medicine, 2008, 38, 253-263.	6.5	160
24	Genes for Elite Power and Sprint Performance: ACTN3 Leads the Way. Sports Medicine, 2013, 43, 803-817.	6.5	158
25	Muscle buffer capacity and aerobic fitness are associated with repeated-sprint ability in women. European Journal of Applied Physiology, 2004, 92, 540-7.	2.5	154
26	Changes in markers of muscle damage, inflammation and HSP70 after an Ironman triathlon race. European Journal of Applied Physiology, 2006, 98, 525-534.	2.5	153
27	Training intensity modulates changes in PGCâ€1Î± and p53 protein content and mitochondrial respiration, but not markers of mitochondrial content in human skeletal muscle. FASEB Journal, 2016, 30, 959-970.	0.5	153
28	The influence of pacing strategy on &OV0312;O2 and supramaximal kayak performance. Medicine and Science in Sports and Exercise, 2002, 34, 1041-1047.	0.4	148
29	Reliability of a repeated-sprint test for field-hockey. Journal of Science and Medicine in Sport, 2006, 9, 181-184.	1.3	148
30	Effects of Caffeine on Prolonged Intermittent-Sprint Ability in Team-Sport Athletes. Medicine and Science in Sports and Exercise, 2006, 38, 578-585.	0.4	148
31	Training-Induced Changes in Mitochondrial Content and Respiratory Function in Human Skeletal Muscle. Sports Medicine, 2018, 48, 1809-1828.	6.5	146
32	Can we optimise the exercise training prescription to maximise improvements in mitochondria function and content?. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1266-1275.	2.4	142
33	Muscle Deoxygenation and Neural Drive to the Muscle during Repeated Sprint Cycling. Medicine and Science in Sports and Exercise, 2007, 39, 268-274.	0.4	140
34	Predictors of repeated-sprint ability in elite female hockey players. Journal of Science and Medicine in Sport, 2003, 6, 199-209.	1.3	127
35	Muscle Fatigue in Males and Females during Multiple-Sprint Exercise. Sports Medicine, 2009, 39, 257-278.	6.5	125
36	Physiological Aspects of Surfboard Riding Performance. Sports Medicine, 2005, 35, 55-70.	6.5	124

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37	The effects of training intensity on muscle buffer capacity in females. European Journal of Applied Physiology, 2006, 96, 97-105.	2.5	124
38	An overview of technical considerations when using quantitative real-time PCR analysis of gene expression in human exercise research. PLoS ONE, 2018, 13, e0196438.	2.5	114
39	The Influence of Caffeine Supplementation on Resistance Exercise: A Review. Sports Medicine, 2019, 49, 17-30.	6.5	110
40	The Critical Power Function is Dependent on the Duration of the Predictive Exercise Tests Chosen. International Journal of Sports Medicine, 1998, 19, 125-129.	1.7	109
41	Effects of Induced Metabolic Alkalosis on Prolonged Intermittent-Sprint Performance. Medicine and Science in Sports and Exercise, 2005, 37, 759-767.	0.4	109
42	Physiological Responses to Shuttle Repeated-Sprint Running. International Journal of Sports Medicine, 2010, 31, 402-409.	1.7	109
43	Postexercise Cold Water Immersion Benefits Are Not Greater than the Placebo Effect. Medicine and Science in Sports and Exercise, 2014, 46, 2139-2147.	0.4	108
44	Influence of Knowledge of Sprint Number on Pacing during Repeated-Sprint Exercise. Medicine and Science in Sports and Exercise, 2011, 43, 665-672.	0.4	107
45	Relationship Between Different Measures of Aerobic Fitness and Repeated-Sprint Ability in Elite Soccer Players. Journal of Strength and Conditioning Research, 2010, 24, 2115-2121.	2.1	106
46	ACTN3 R577X and ACE I/D gene variants influence performance in elite sprinters: a multi-cohort study. BMC Genomics, 2016, 17, 285.	2.8	106
47	Effects of chronic NaHCO₃ ingestion during interval training on changes to muscle buffer capacity, metabolism, and short-term endurance performance. Journal of Applied Physiology, 2006, 101, 918-925.	2.5	103
48	Determinants of repeated-sprint ability in females matched for single-sprint performance. European Journal of Applied Physiology, 2006, 97, 373-379.	2.5	103
49	Effect of wearing an ice cooling jacket on repeat sprint performance in warm/humid conditions. British Journal of Sports Medicine, 2003, 37, 164-169.	6.7	101
50	Dietary Supplements and Team-Sport Performance. Sports Medicine, 2010, 40, 995-1017.	6.5	100
51	Morning Versus Evening Power Output and Repeatedâ€Sprint Ability. Chronobiology International, 2005, 22, 1029-1039.	2.0	96
52	Core temperature and hydration status during an Ironman triathlon * Commentary * Commentary. British Journal of Sports Medicine, 2006, 40, 320-325.	6.7	96
53	Athlome Project Consortium: a concerted effort to discover genomic and other â€œomicâ€•markers of athletic performance. Physiological Genomics, 2016, 48, 183-190.	2.3	96
54	Seasonal Changes in Physical Performance and Heart Rate Variability in High Level Futsal Players. International Journal of Sports Medicine, 2013, 34, 424-430.	1.7	95

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55	Mitochondrial adaptations to highâ€volume exercise training are rapidly reversed after a reduction in training volume in human skeletal muscle. FASEB Journal, 2016, 30, 3413-3423.	0.5	95
56	The effects of strength training on endurance performance and muscle characteristics. Medicine and Science in Sports and Exercise, 1999, 31, 886-891.	0.4	93
57	High-intensity warm-ups elicit superior performance to a current soccer warm-up routine. Journal of Science and Medicine in Sport, 2011, 14, 522-528.	1.3	92
58	Manipulating graded exercise test variables affects the validity of the lactate threshold and VË™O2peak. PLoS ONE, 2018, 13, e0199794.	2.5	91
59	High-Intensity Exercise and Mitochondrial Biogenesis: Current Controversies and Future Research Directions. Physiology, 2019, 34, 56-70.	3.1	91
60	Metabolism and Performance in Repeated Cycle Sprints. Medicine and Science in Sports and Exercise, 2006, 38, 1492-1499.	0.4	89
61	Time-motion analysis of elite field hockey during several games in succession: A tournament scenario. Journal of Science and Medicine in Sport, 2005, 8, 382-391.	1.3	88
62	Activity patterns, blood lactate concentrations and ratings of perceived exertion during a professional singles tennis tournament * COMMENTARY. British Journal of Sports Medicine, 2007, 41, 296-300.	6.7	88
63	Effects of acute and chronic exercise on sarcolemmal MCT1 and MCT4 contents in human skeletal muscles: current status. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R1-R14.	1.8	85
64	The Recovery of Repeated-Sprint Exercise Is Associated with PCr Resynthesis, while Muscle pH and EMG Amplitude Remain Depressed. PLoS ONE, 2012, 7, e51977.	2.5	85
65	Fatigue Responses during Repeated Sprints Matched for Initial Mechanical Output. Medicine and Science in Sports and Exercise, 2007, 39, 2219-2225.	0.4	83
66	Principles of Exercise Prescription, and How They Influence Exercise-Induced Changes of Transcription Factors and Other Regulators of Mitochondrial Biogenesis. Sports Medicine, 2018, 48, 1541-1559.	6.5	80
67	Comparison of muscle buffer capacity and repeated-sprint ability of untrained, endurance-trained and team-sport athletes. European Journal of Applied Physiology, 2006, 96, 225-234.	2.5	79
68	Effect of performance level on pacing strategy during a 10-km running race. European Journal of Applied Physiology, 2010, 108, 1045-1053.	2.5	79
69	The effect of three different warm-up intensities on kayak ergometer performance. Medicine and Science in Sports and Exercise, 2001, 33, 1026-1032.	0.4	78
70	Effects of High- and Moderate-Intensity Training on Metabolism and Repeated Sprints. Medicine and Science in Sports and Exercise, 2005, 37, 1975-1982.	0.4	77
71	Sprint performance under heat stress: A review. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 79-89.	2.9	76
72	The ACTN3 R577X Polymorphism across Three Groups of Elite Male European Athletes. PLoS ONE, 2012, 7, e43132.	2.5	75

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73	A Multi-Center Comparison of O2peak Trainability Between Interval Training and Moderate Intensity Continuous Training. Frontiers in Physiology, 2019, 10, 19.	2.8	75
74	Age-related differences in repeated-sprint ability in highly trained youth football players. Journal of Sports Sciences, 2009, 27, 1581-1590.	2.0	73
75	Effect of Time of Day on Performance, Hormonal and Metabolic Response during a 1000-M Cycling Time Trial. PLoS ONE, 2014, 9, e109954.	2.5	72
76	Impact of a single bout of high-intensity interval exercise and short-term interval training on interleukin-6, FNDC5, and METRNL mRNA expression in human skeletal muscle. Journal of Sport and Health Science, 2018, 7, 191-196.	6.5	72
77	Gene variants within the COL1A1 gene are associated with reduced anterior cruciate ligament injury in professional soccer players. Journal of Science and Medicine in Sport, 2013, 16, 396-400.	1.3	69
78	Evaluation of the AccusportÂ® Lactate Analyser. International Journal of Sports Medicine, 2001, 22, 525-530.	1.7	68
79	Interaction of Central and Peripheral Factors during Repeated Sprints at Different Levels of Arterial O2 Saturation. PLoS ONE, 2013, 8, e77297.	2.5	68
80	Performance and physiological responses to repeated-sprint exercise: a novel multiple-set approach. European Journal of Applied Physiology, 2011, 111, 669-678.	2.5	67
81	Physiological predictors of flat-water kayak performance in women. European Journal of Applied Physiology, 2000, 82, 91-97.	2.5	65
82	Effects of immediate post-game recovery procedures on muscle soreness, power and flexiblity levels over the next 48 hours. Journal of Science and Medicine in Sport, 2005, 8, 210-221.	1.3	65
83	Increased FXYD1 and PGCâ€1Î± mRNA after blood flowâ€restricted running is related to fibre typeâ€specific AMPK signalling and oxidative stress in human muscle. Acta Physiologica, 2018, 223, e13045.	3.8	63
84	Effects of high-intensity training on muscle lactate transporters and postexercise recovery of muscle lactate and hydrogen ions in women. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1991-R1998.	1.8	61
85	Relation Between Maximal Aerobic Power and the Ability to Repeat Sprints in Young Basketball Players. Journal of Strength and Conditioning Research, 2007, 21, 1172.	2.1	60
86	Relationship between plasma lactate parameters and muscle characteristics in female cyclists. Medicine and Science in Sports and Exercise, 2000, 32, 1088-1093.	0.4	59
87	Performance and metabolism in repeated sprint exercise: effect of recovery intensity. European Journal of Applied Physiology, 2008, 103, 545-552.	2.5	58
88	Endurance Training Intensity Does Not Mediate Interference to Maximal Lower-Body Strength Gain during Short-Term Concurrent Training. Frontiers in Physiology, 2016, 7, 487.	2.8	58
89	Concurrent exercise incorporating high-intensity interval or continuous training modulates mTORC1 signaling and microRNA expression in human skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R1297-R1311.	1.8	58
90	The effect of stage duration on the calculation of peak VÌ‡O2 during cycle ergometry. Journal of Science and Medicine in Sport, 1998, 1, 171-178.	1.3	57

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91	Sprint-interval but not continuous exercise increases PGC-1Î± protein content and p53 phosphorylation in nuclear fractions of human skeletal muscle. Scientific Reports, 2017, 7, 44227.	3.3	57
92	The Effect of Warm-Ups Incorporating Different Volumes of Dynamic Stretching on 10- and 20-m Sprint Performance in Highly Trained Male Athletes. Journal of Strength and Conditioning Research, 2012, 26, 63-72.	2.1	56
93	Reliability of a 5ÂÃ—Â6-s maximal cycling repeated-sprint test in trained female team-sport athletes. European Journal of Applied Physiology, 2006, 98, 383-393.	2.5	54
94	High-intensity exercise acutely decreases the membrane content of MCT1 and MCT4 and buffer capacity in human skeletal muscle. Journal of Applied Physiology, 2007, 102, 616-621.	2.5	54
95	MAXIMAL POWER, BUT NOT FATIGABILITY, IS GREATER DURING REPEATED SPRINTS PERFORMED IN THE AFTERNOON. Chronobiology International, 2010, 27, 855-864.	2.0	54
96	Fatigue during intermittentâ€sprint exercise. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 836-841.	1.9	54
97	Position statementâ€"altitude training for improving team-sport playersâ€™ performance: current knowledge and unresolved issues. British Journal of Sports Medicine, 2013, 47, i8-i16.	6.7	54
98	Determinants of team-sport performance: implications for altitude training by team-sport athletes. British Journal of Sports Medicine, 2013, 47, i17-i21.	6.7	54
99	Activity Profile of World-Class Professional Surfers During Competition: A Case Study. Journal of Strength and Conditioning Research, 2006, 20, 477.	2.1	54
100	Enhanced skeletal muscle ribosome biogenesis, yet attenuated mTORC1 and ribosome biogenesis-related signalling, following short-term concurrent versus single-mode resistance training. Scientific Reports, 2018, 8, 560.	3.3	53
101	The role of sense of effort on self-selected cycling power output. Frontiers in Physiology, 2014, 5, 115.	2.8	52
102	Effects of resistance training on neuromuscular characteristics and pacing during 10-km running time trial. European Journal of Applied Physiology, 2015, 115, 1513-1522.	2.5	52
103	The gene SMART study: method, study design, and preliminary findings. BMC Genomics, 2017, 18, 821.	2.8	52
104	Upper body aerobic fitness comparison between two groups of competitive surfboard riders. Journal of Science and Medicine in Sport, 2005, 8, 43-51.	1.3	51
105	Dynamic Pacing Strategies during the Cycle Phase of an Ironman Triathlon. Medicine and Science in Sports and Exercise, 2006, 38, 726-734.	0.4	51
106	Effects of high-intensity training on MCT1, MCT4, and NBC expressions in rat skeletal muscles: influence of chronic metabolic alkalosis. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E916-E922.	3.5	51
107	Physiological attributes of triathletes. Journal of Science and Medicine in Sport, 2010, 13, 340-347.	1.3	51
108	Hot conditions improve power output during repeated cycling sprints without modifying neuromuscular fatigue characteristics. European Journal of Applied Physiology, 2013, 113, 359-369.	2.5	51

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109	Neuromuscular Adjustments of the Quadriceps Muscle after Repeated Cycling Sprints. PLoS ONE, 2013, 8, e61793.	2.5	50
110	Mechanistic Insights into the Efficacy of Sodium Bicarbonate Supplementation to Improve Athletic Performance. Sports Medicine - Open, 2016, 2, 41.	3.1	50
111	Effects of Resistance Training on H+ Regulation, Buffer Capacity, and Repeated Sprints. Medicine and Science in Sports and Exercise, 2006, 38, 2004-2011.	0.4	48
112	Exercise-induced homeostatic perturbations provoked by singles tennis match play with reference to development of fatigue. British Journal of Sports Medicine, 2007, 41, 717-722.	6.7	46
113	Cycling with blood flow restriction improves performance and muscle K⁺ regulation and alters the effect of antiâ€oxidant infusion in humans. Journal of Physiology, 2019, 597, 2421-2444.	2.9	46
114	Does Aerobic Training Promote the Same Skeletal Muscle Hypertrophy as Resistance Training? A Systematic Review and Meta-Analysis. Sports Medicine, 2019, 49, 233-254.	6.5	46
115	High-intensity training induces non-stoichiometric changes in the mitochondrial proteome of human skeletal muscle without reorganisation of respiratory chain content. Nature Communications, 2021, 12, 7056.	12.8	45
116	Effect of swimming intensity on subsequent cycling and overall triathlon performance * Commentary. British Journal of Sports Medicine, 2005, 39, 960-964.	6.7	44
117	Sodium bicarbonate ingestion prior to training improves mitochondrial adaptations in rats. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E225-E233.	3.5	44
118	ACTN3 R577X Gene Variant Is Associated With Muscle-Related Phenotypes in Elite Chinese Sprint/Power Athletes. Journal of Strength and Conditioning Research, 2017, 31, 1107-1115.	2.1	44
119	The effects of travel on team performance in the Australian national netball competition. Journal of Science and Medicine in Sport, 2004, 7, 118-122.	1.3	43
120	Effects of rest interval during high-repetition resistance training on strength, aerobic fitness, and repeated-sprint ability. Journal of Sports Sciences, 2007, 25, 619-628.	2.0	43
121	Caffeine Alters Anaerobic Distribution and Pacing during a 4000-m Cycling Time Trial. PLoS ONE, 2013, 8, e75399.	2.5	43
122	Sleep Quality but Not Quantity Altered With a Change in Training Environment in Elite Australian Rules Football Players. International Journal of Sports Physiology and Performance, 2017, 12, 75-80.	2.3	43
123	Longitudinal assessment of the effects of field-hockey training on repeated sprint ability. Journal of Science and Medicine in Sport, 2004, 7, 323-334.	1.3	42
124	ACTN3 R577X polymorphism and team-sport performance: A study involving three European cohorts. Journal of Science and Medicine in Sport, 2014, 17, 102-106.	1.3	42
125	The effect of warm-up on intermittent sprint performance and selected thermoregulatory parameters. Journal of Science and Medicine in Sport, 2012, 15, 451-456.	1.3	41
126	High-Intensity Re-Warm-Ups Enhance Soccer Performance. International Journal of Sports Medicine, 2013, 34, 800-805.	1.7	41

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127	MCT1 A1470T: A novel polymorphism for sprint performance?. Journal of Science and Medicine in Sport, 2015, 18, 114-118.	1.3	41
128	The effect of an intermittent, high-intensity warm-up on supramaximal kayak ergometer performance. Journal of Sports Sciences, 2003, 21, 13-20.	2.0	40
129	Sprint Training in Preadolescent Soccer Players. International Journal of Sports Physiology and Performance, 2008, 3, 558-562.	2.3	40
130	Altering the rest interval during highâ€intensity interval training does not affect muscle or performance adaptations. Experimental Physiology, 2013, 98, 481-490.	2.0	40
131	Effects of Dietary Supplements on Adaptations to Endurance Training. Sports Medicine, 2020, 50, 25-53.	6.5	40
132	Injury risk factors in young soccer players detected by a multivariate survival model. Journal of Science and Medicine in Sport, 2011, 14, 293-298.	1.3	39
133	Mechanical work accounts for sex differences in fatigue during repeated sprints. European Journal of Applied Physiology, 2012, 112, 1429-1436.	2.5	39
134	Reproducibility of a 6-s maximal cycling sprint test. Journal of Science and Medicine in Sport, 2007, 10, 323-326.	1.3	38
135	The Molecular Adaptive Responses of Skeletal Muscle to High-Intensity Exercise/Training and Hypoxia. Antioxidants, 2020, 9, 656.	5.1	38
136	International Society of Sports Nutrition position stand: sodium bicarbonate and exercise performance. Journal of the International Society of Sports Nutrition, 2021, 18, 61.	3.9	38
137	Vitamin and Mineral Supplementation and Neuromuscular Recovery after a Running Race. Medicine and Science in Sports and Exercise, 2006, 38, 2110-2117.	0.4	37
138	Enhancing Muscular Qualities in Untrained Women. Medicine and Science in Sports and Exercise, 2009, 41, 1797-1807.	0.4	37
139	Repeated Sprints Alter Signaling Related to Mitochondrial Biogenesis in Humans. Medicine and Science in Sports and Exercise, 2012, 44, 827-834.	0.4	37
140	Manipulating Carbohydrate Availability Between Twice-Daily Sessions of High-Intensity Interval Training Over 2 Weeks Improves Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 463-470.	2.1	37
141	Pacing Strategy Determinants During a 10-km Running Time Trial. Journal of Strength and Conditioning Research, 2014, 28, 1688-1696.	2.1	36
142	The Influence of Post-Exercise Cold-Water Immersion on Adaptive Responses to Exercise: A Review of the Literature. Sports Medicine, 2018, 48, 1369-1387.	6.5	36
143	Reliability of a 1-h endurance performance test in trained female cyclists. Medicine and Science in Sports and Exercise, 1997, 29, 554-559.	0.4	36
144	A comparison of muscle damage, soreness and performance following a simulated contact and non-contact team sport activity circuit. Journal of Science and Medicine in Sport, 2011, 14, 441-446.	1.3	35

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145	CrossTalk opposing view: Exercise training volume is more important than training intensity to promote increases in mitochondrial content. Journal of Physiology, 2019, 597, 4115-4118.	2.9	35
146	The effect of sleep restriction, with or without highâ€intensity interval exercise, on myofibrillar protein synthesis in healthy young men. Journal of Physiology, 2020, 598, 1523-1536.	2.9	35
147	Effects of Sodium Bicarbonate Supplementation on Muscular Strength and Endurance: A Systematic Review and Meta-analysis. Sports Medicine, 2020, 50, 1361-1375.	6.5	35
148	Oxygen uptake and blood metabolic responses to a 400-m run. European Journal of Applied Physiology, 2010, 109, 233-240.	2.5	34
149	High-Intensity Warm-Ups: Effects During Subsequent Intermittent Exercise. International Journal of Sports Physiology and Performance, 2015, 10, 498-503.	2.3	34
150	Cold water immersion attenuates anabolic signaling and skeletal muscle fiber hypertrophy, but not strength gain, following whole-body resistance training. Journal of Applied Physiology, 2019, 127, 1403-1418.	2.5	34
151	Doubling of Muscle Carnosine Concentration Does Not Improve Laboratory 1-Hr Cycling Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 315-324.	2.1	33
152	Sports-Science Roundtable: Does Sports-Science Research Influence Practice?. International Journal of Sports Physiology and Performance, 2006, 1, 161-168.	2.3	32
153	Effect of 10 Week Beta-Alanine Supplementation on Competition and Training Performance in Elite Swimmers. Nutrients, 2012, 4, 1441-1453.	4.1	32
154	Exercise twiceâ€aâ€day potentiates markers of mitochondrial biogenesis in men. FASEB Journal, 2020, 34, 1602-1619.	0.5	32
155	Listening to Music in the First, but not the Last 1.5â€‰km of a 5-km Running Trial Alters Pacing Strategy and Improves Performance. International Journal of Sports Medicine, 2012, 33, 813-818.	1.7	31
156	Oxygen uptake during repeated-sprint exercise. Journal of Science and Medicine in Sport, 2015, 18, 214-218.	1.3	31
157	A physiological drop in pH decreases mitochondrial respiration, and HDAC and Akt signaling, in L6 myocytes. American Journal of Physiology - Cell Physiology, 2019, 316, C404-C414.	4.6	30
158	Are Alterations in Skeletal Muscle Mitochondria a Cause or Consequence of Insulin Resistance?. International Journal of Molecular Sciences, 2020, 21, 6948.	4.1	30
159	Are athletes able to self-select their optimal warm up?. Journal of Science and Medicine in Sport, 2005, 8, 26-34.	1.3	29
160	Influence of training intensity on adaptations in acid/base transport proteins, muscle buffer capacity, and repeated-sprint ability in active men. Journal of Applied Physiology, 2016, 121, 1290-1305.	2.5	29
161	Statistical Considerations for Exercise Protocols Aimed at Measuring Trainability. Exercise and Sport Sciences Reviews, 2019, 47, 37-45.	3.0	29
162	ADORA2A C Allele Carriers Exhibit Ergogenic Responses to Caffeine Supplementation. Nutrients, 2020, 12, 741.	4.1	29

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163	Ramp and constant power trials produce equivalent critical power estimates. Medicine and Science in Sports and Exercise, 1997, 29, 833-836.	0.4	29
164	Nitrate Intake Promotes Shift in Muscle Fiber Type Composition during Sprint Interval Training in Hypoxia. Frontiers in Physiology, 2016, 7, 233.	2.8	28
165	Exercise mitigates sleep-loss-induced changes in glucose tolerance, mitochondrial function, sarcoplasmic protein synthesis, and diurnal rhythms. Molecular Metabolism, 2021, 43, 101110.	6.5	28
166	Training distress and performance readiness: Laboratory and field validation of a brief selfâ€report measure. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, e483-490.	2.9	27
167	Effect of a Repeated Sprint Ability test on the muscle contractile properties in elite futsal players. Scientific Reports, 2018, 8, 17284.	3.3	27
168	Exercise alters and Î²-alanine combined with exercise augments histidyl dipeptide levels and scavenges lipid peroxidation products in human skeletal muscle. Journal of Applied Physiology, 2018, 125, 1767-1778.	2.5	27
169	CYP1A2 genotype and acute effects of caffeine on resistance exercise, jumping, and sprinting performance. Journal of the International Society of Sports Nutrition, 2020, 17, 21.	3.9	27
170	Effects of active warm up on thermoregulation and intermittent-sprint performance in hot conditions. Journal of Science and Medicine in Sport, 2009, 12, 196-204.	1.3	26
171	High-intensity exercise decreases muscle buffer capacity via a decrease in protein buffering in human skeletal muscle. Pflugers Archiv European Journal of Physiology, 2009, 458, 929-936.	2.8	26
172	Ratings of Perceived Exertion-Lactate Association During Actual Singles Tennis Match Play. Journal of Strength and Conditioning Research, 2010, 24, 165-170.	2.1	26
173	Comments on Point:Counterpoint: Afferent feedback from fatigued locomotor muscles is/is not an important determinant of endurance exercise performance. Journal of Applied Physiology, 2010, 108, 458-468.	2.5	26
174	Cadence selection affects metabolic responses during cycling and subsequent running time to fatigue. British Journal of Sports Medicine, 2005, 39, 267-272.	6.7	25
175	Variable power output during cycling improves subsequent treadmill run time to exhaustion. Journal of Science and Medicine in Sport, 2007, 10, 244-251.	1.3	25
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