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	Sports compression garments improve resting markers of venous return and muscle blood flow in male basketball players. Journal of Sport and Health Science, 2023, 12, 513-522.	6.5	9
2	Impacts of highâ€intensity exercise on the metabolomics profile of human skeletal muscle tissue. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 402-413.	2.9	11
3	Methods to match high-intensity interval exercise intensity in hypoxia and normoxia â€“ A pilot study. Journal of Exercise Science and Fitness, 2022, 20, 70-76.	2.2	3
4	Transcription Factor Movement and Exercise-Induced Mitochondrial Biogenesis in Human Skeletal Muscle: Current Knowledge and Future Perspectives. International Journal of Molecular Sciences, 2022, 23, 1517.	4.1	8
5	Aerobicâ€interval exercise with blood flow restriction potentiates early markers of metabolic health in man. Acta Physiologica, 2022, 234, e13769.	3.8	4
6	Assessing mitochondrial respiration in permeabilized fibres and biomarkers for mitochondrial content in human skeletal muscle. Acta Physiologica, 2022, 234, e13772.	3.8	10
7	Myths and methodologies: The use of equivalence and nonâ€inferiority tests for interventional studies in exercise physiology and sport science. Experimental Physiology, 2022, 107, 201-212.	2.0	10
8	Repeated-Sprint Exercise in the Heat Increases Indirect Markers of Gastrointestinal Damage in Well-Trained Team-Sport Athletes. International Journal of Sport Nutrition and Exercise Metabolism, 2022, 32, 153-162.	2.1	4
9	Interpretation of exercise-induced changes in human skeletal muscle mRNA expression depends on the timing of the post-exercise biopsies. PeerJ, 2022, 10, e12856.	2.0	15
10	Exercise and Training Regulation of Autophagy Markers in Human and Rat Skeletal Muscle. International Journal of Molecular Sciences, 2022, 23, 2619.	4.1	5
11	Muscle contraction and mitochondrial biogenesis â€“ A brief historical reappraisal. Acta Physiologica, 2022, 235, e13813.	3.8	5
12	Factors Influencing AMPK Activation During Cycling Exercise: A Pooled Analysis and Meta-Regression. Sports Medicine, 2022, 52, 1273-1294.	6.5	16
13	The Effects of Regular Cold-Water Immersion Use on Training-Induced Changes in Strength and Endurance Performance: A Systematic Review with Meta-Analysis. Sports Medicine, 2021, 51, 161-174.	6.5	24
14	Compression enhances lowerâ€limb somatosensation in individuals with poor somatosensation, but impairs performance in individuals wth good somatosensation. Translational Sports Medicine, 2021, 4, 280-288.	1.1	5
15	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
16	Bloodâ€flowâ€restricted exercise: Strategies for enhancing muscle adaptation and performance in the enduranceâ€trained athlete. Experimental Physiology, 2021, 106, 837-860.	2.0	18
17	Ammonium chloride administration prior to exercise has muscleâ€specific effects on mitochondrial and myofibrillar protein synthesis in rats. Physiological Reports, 2021, 9, e14797.	1.7	1
18	Reduced postâ€exercise muscle microvascular perfusion with compression is offset by increased muscle oxygen extraction: Assessment by contrastâ€enhanced ultrasound. FASEB Journal, 2021, 35, e21499.	0.5	9

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19	High-intensity exercise training â€" too much of a good thing?. Nature Reviews Endocrinology, 2021, 17, 385-386.	9.6	10
20	Genome wide association study of response to interval and continuous exercise training: the Predict-HIIT study. Journal of Biomedical Science, 2021, 28, 37.	7.0	15
21	Fifteen days of moderate normobaric hypoxia does not affect mitochondrial function, and related genes and proteins, in healthy men. European Journal of Applied Physiology, 2021, 121, 2323-2336.	2.5	3
22	Caffeine during High-Intensity Whole-Body Exercise: An Integrative Approach beyond the Central Nervous System. Nutrients, 2021, 13, 2503.	4.1	15
23	Effect of Unaware Clock Manipulation on Pacing Strategy and Performance in Recreational Athletes. Applied Sciences (Switzerland), 2021, 11, 8062.	2.5	0
24	Effects of mild heat exposure on fatigue responses during two sets of repeated sprints matched for initial mechanical output. Journal of Science and Medicine in Sport, 2021, , .	1.3	1
25	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
26	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
27	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
28	Effects of Dietary Supplements on Adaptations to Endurance Training. Sports Medicine, 2020, 50, 25-53.	6.5	40
29	Mitochondrial respiration variability and simulations in human skeletal muscle: The Gene SMART study. FASEB Journal, 2020, 34, 2978-2986.	0.5	25
30	Forty high-intensity interval training sessions blunt exercise-induced changes in the nuclear protein content of PGC-1Î± and p53 in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E224-E236.	3.5	24
31	Exercise twiceâ€¤â€day potentiates markers of mitochondrial biogenesis in men. FASEB Journal, 2020, 34, 1602-1619.	0.5	32
32	Are Alterations in Skeletal Muscle Mitochondria a Cause or Consequence of Insulin Resistance?. International Journal of Molecular Sciences, 2020, 21, 6948.	4.1	30
33	An Examination and Critique of Current Methods to Determine Exercise Intensity. Sports Medicine, 2020, 50, 1729-1756.	6.5	169
34	The Molecular Adaptive Responses of Skeletal Muscle to High-Intensity Exercise/Training and Hypoxia. Antioxidants, 2020, 9, 656.	5.1	38
35	Short-Term Repeated-Sprint Training in Hot and Cool Conditions Similarly Benefits Performance in Team-Sport Athletes. Frontiers in Physiology, 2020, 11, 1023.	2.8	5
36	Muscular and Physical Response to an Agility and Repeated Sprint Tests According to the Level of Competition in Futsal Players. Frontiers in Psychology, 2020, 11, 583327.	2.1	7

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37	Order of same-day concurrent training influences some indices of power development, but not strength, lean mass, or aerobic fitness in healthy, moderately-active men after 9 weeks of training. PLoS ONE, 2020, 15, e0233134.	2.5	18
38	Modulation of Countermovement Jumpâ€"Derived Markers of Neuromuscular Function With Concurrent vs. Single-Mode Resistance Training. Journal of Strength and Conditioning Research, 2020, 34, 1497-1502.	2.1	1
39	Maternal exercise attenuates the lower skeletal muscle glucose uptake and insulin secretion caused by paternal obesity in female adult rat offspring. Journal of Physiology, 2020, 598, 4251-4270.	2.9	18
40	Resistance training upregulates skeletal muscle Na+, K+-ATPase content, with elevations in both Î±1 and Î±2, but not Î² isoforms. European Journal of Applied Physiology, 2020, 120, 1777-1785.	2.5	4
41	ADORA2A C Allele Carriers Exhibit Ergogenic Responses to Caffeine Supplementation. Nutrients, 2020, 12, 741.	4.1	29
42	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
43	Neuromuscular and perceptual responses during repeated cycling sprintsâ€"usefulness of a â€œhypoxic to normoxicâ€•recovery approach. European Journal of Applied Physiology, 2020, 120, 883-896.	2.5	8
44	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
45	Transcriptomic profiling of skeletal muscle adaptations to exercise and inactivity. Nature Communications, 2020, 11, 470.	12.8	235
46	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
47	What Dose of Caffeine to Use: Acute Effects of 3 Doses of Caffeine on Muscle Endurance and Strength. International Journal of Sports Physiology and Performance, 2020, 15, 470-477.	2.3	23
48	Whole-body cryotherapy does not augment adaptations to high-intensity interval training. Scientific Reports, 2019, 9, 12013.	3.3	12
49	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
50	Rebuttal from David J. Bishop, Javier Botella and Cesare Granata. Journal of Physiology, 2019, 597, 4121-4122.	2.9	1
51	Twice-a-day training improves mitochondrial efficiency, but not mitochondrial biogenesis, compared with once-daily training. Journal of Applied Physiology, 2019, 127, 713-725.	2.5	14
52	A â€œhuman knockoutâ€•model to investigate the influence of the Î±-actinin-3 protein on exercise-induced mitochondrial adaptations. Scientific Reports, 2019, 9, 12688.	3.3	13
53	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
54	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

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55	Effects of Sports Compression Socks on Performance, Physiological, and Hematological Alterations After Long-Haul Air Travel in Elite Female Volleyballers. Journal of Strength and Conditioning Research, 2019, 33, 492-501.	2.1	17
56	Voluntary wheel running prevents the acidosisâ€induced decrease in skeletal muscle mitochondrial reactive oxygen species emission. FASEB Journal, 2019, 33, 4996-5004.	0.5	5
57	Methodological Considerations for Concurrent Training. , 2019, , 183-196.		5
58	Statistical Considerations for Exercise Protocols Aimed at Measuring Trainability. Exercise and Sport Sciences Reviews, 2019, 47, 37-45.	3.0	29
59	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
60	A Multi-Center Comparison of O2peak Trainability Between Interval Training and Moderate Intensity Continuous Training. Frontiers in Physiology, 2019, 10, 19.	2.8	75
61	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
62	High-Intensity Exercise and Mitochondrial Biogenesis: Current Controversies and Future Research Directions. Physiology, 2019, 34, 56-70.	3.1	91
63	The Influence of Caffeine Supplementation on Resistance Exercise: A Review. Sports Medicine, 2019, 49, 17-30.	6.5	110
64	Intermittent but Not Continuous Static Stretching Improves Subsequent Vertical Jump Performance in Flexibility-Trained Athletes. Journal of Strength and Conditioning Research, 2019, 33, 203-210.	2.1	15
65	Does caffeine ingestion before a short-term sprint interval training promote body fat loss?. Brazilian Journal of Medical and Biological Research, 2019, 52, e9169.	1.5	3
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	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
68	Power-to-Strength Ratio Influences Performance Enhancement with Contrast Training. Medicine and Science in Sports and Exercise, 2018, 50, 1422-1432.	0.4	3
69	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
70	Lower Limb Sports Compression Garments Improve Muscle Blood Flow and Exercise Performance During Repeated-Sprint Cycling. International Journal of Sports Physiology and Performance, 2018, 13, 882-890.	2.3	24
71	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
72	Is exercise a viable therapeutic intervention to mitigate mitochondrial dysfunction and insulin resistance induced by sleep loss?. Sleep Medicine Reviews, 2018, 37, 60-68.	8.5	25

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73	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
74	Caffeine Increases Work Done above Critical Power, but Not Anaerobic Work. Medicine and Science in Sports and Exercise, 2018, 50, 131-140.	0.4	19
75	M-wave normalization of EMG signal to investigate heat stress and fatigue. Journal of Science and Medicine in Sport, 2018, 21, 518-524.	1.3	17
76	Exercise As An Intervention To Mitigate Mitochondrial Dysfunction And Impaired Glucose Tolerance Induced By Sleep- loss. Medicine and Science in Sports and Exercise, 2018, 50, 149.	0.4	1
77	Effect of a Repeated Sprint Ability test on the muscle contractile properties in elite futsal players. Scientific Reports, 2018, 8, 17284.	3.3	27
78	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
79	Tissue specificity of mitochondrial adaptations in rats after 4Âweeks of normobaric hypoxia. European Journal of Applied Physiology, 2018, 118, 1641-1652.	2.5	6
80	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
81	Training-Induced Changes in Mitochondrial Content and Respiratory Function in Human Skeletal Muscle. Sports Medicine, 2018, 48, 1809-1828.	6.5	146
82	Manipulating graded exercise test variables affects the validity of the lactate threshold and VË™O2peak. PLoS ONE, 2018, 13, e0199794.	2.5	91
83	ACEI/D gene variant predicts ACE enzyme content in blood but not the ACE, UCP2, and UCP3 protein content in human skeletal muscle in the Gene SMART study. Journal of Applied Physiology, 2018, 125, 923-930.	2.5	15
84	The Effects of Acute and Chronic Sprint-Interval Training on Cytokine Responses Are Independent of Prior Caffeine Intake. Frontiers in Physiology, 2018, 9, 671.	2.8	20
85	Cold-water immersion after training sessions: effects on fiber type-specific adaptations in muscle K⁺transport proteins to sprint-interval training in men. Journal of Applied Physiology, 2018, 125, 429-444.	2.5	18
86	Rest interval duration does not influence adaptations in acid/base transport proteins following 10 wk of sprint-interval training in active women. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R702-R717.	1.8	13
87	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
88	The influence of Î±-actinin-3 deficiency on bone remodelling markers in young men. Bone, 2017, 98, 26-30.	2.9	14
89	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
90	Acidosis, but Not Alkalosis, Affects Anaerobic Metabolism and Performance in a 4-km Time Trial. Medicine and Science in Sports and Exercise, 2017, 49, 1899-1910.	0.4	20

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91	Cold-Water Immersion and Contrast Water Therapy: No Improvement of Short-Term Recovery After Resistance Training. International Journal of Sports Physiology and Performance, 2017, 12, 886-892.	2.3	15
92	Exercise-related sensations contribute to decrease power during repeated cycle sprints with limited influence on neural drive. European Journal of Applied Physiology, 2017, 117, 2171-2179.	2.5	12
93	Cold-water immersion following sprint interval training does not alter endurance signaling pathways or training adaptations in human skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R372-R384.	1.8	25
94	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
95	Effects of a 4-week high-intensity interval training on pacing during 5-km running trial. Brazilian Journal of Medical and Biological Research, 2017, 50, e6335.	1.5	12
96	The gene SMART study: method, study design, and preliminary findings. BMC Genomics, 2017, 18, 821.	2.8	52
97	Fifteen days of 3,200 m simulated hypoxia marginally regulates markers for protein synthesis and degradation in human skeletal muscle. Hypoxia (Auckland, N Z), 2016, 4, 1.	1.9	13
98	Nitrate Intake Promotes Shift in Muscle Fiber Type Composition during Sprint Interval Training in Hypoxia. Frontiers in Physiology, 2016, 7, 233.	2.8	28
99	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
100	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
101	Similar mitochondrial signaling responses to a single bout of continuous or small-sided-games-based exercise in sedentary men. Journal of Applied Physiology, 2016, 121, 1326-1334.	2.5	7
102	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
103	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
104	Distinct protein and mRNA kinetics of skeletal muscle proton transporters following exercise can influence interpretation of adaptations to training. Experimental Physiology, 2016, 101, 1565-1580.	2.0	25
105	Mechanistic Insights into the Efficacy of Sodium Bicarbonate Supplementation to Improve Athletic Performance. Sports Medicine - Open, 2016, 2, 41.	3.1	50
106	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
107	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
108	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

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109	Effects of pre-exercise alkalosis on the decrease in $$dot{V}O_{2}$$ V Ë™ O 2 at the end of all-out exercise. European Journal of Applied Physiology, 2016, 116, 85-95.	2.5	12
110	High-Intensity Warm-Ups: Effects During Subsequent Intermittent Exercise. International Journal of Sports Physiology and Performance, 2015, 10, 498-503.	2.3	34
111	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
112	Fatigue Induced by Repeated Maximal Efforts is Specific to the Rugby Task Performed. International Journal of Sports Science and Coaching, 2015, 10, 11-20.	1.4	15
113	Effect of Creatine Loading on Oxygen Uptake during a 1-km Cycling Time Trial. Medicine and Science in Sports and Exercise, 2015, 47, 2660-2668.	0.4	11
114	CiÃªncia do Esporte no Brasil: reflexÃµes sobre o desenvolvimento das pesquisas, o cenÃ¡rio atual e as perspectivas futuras. Revista Brasileira De EducaÃ§Ã£o FÃsica E Esporte: RBEFE, 2015, 29, 163-175.	0.1	3
115	Rugby-Specific Small-Sided Games Training Is an Effective Alternative to Stationary Cycling at Reducing Clinical Risk Factors Associated with the Development of Type 2 Diabetes: A Randomized, Controlled Trial. PLoS ONE, 2015, 10, e0127548.	2.5	17
116	Commentaries on Viewpoint: The two-hour marathon: what's the equivalent for women?. Journal of Applied Physiology, 2015, 118, 1324-1328.	2.5	3
117	Contraction velocity influence the magnitude and etiology of neuromuscular fatigue during repeated maximal contractions. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e432-41.	2.9	20
118	Single-fiber expression and fiber-specific adaptability to short-term intense exercise training of Na⁺-K⁺-ATPase Î±- and Î²-isoforms in human skeletal muscle. Journal of Applied Physiology, 2015, 118, 699-706.	2.5	22
119	Effects of isolated or combined carbohydrate and caffeine supplementation between 2 daily training sessions on soccer performance. Applied Physiology, Nutrition and Metabolism, 2015, 40, 457-463.	1.9	21
120	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
121	Sprint performance under heat stress: A review. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 79-89.	2.9	76
122	Exercise training and <scp>DNA</scp> methylation in humans. Acta Physiologica, 2015, 213, 39-59.	3.8	204
123	MCT1 A1470T: A novel polymorphism for sprint performance?. Journal of Science and Medicine in Sport, 2015, 18, 114-118.	1.3	41
124	Oxygen uptake during repeated-sprint exercise. Journal of Science and Medicine in Sport, 2015, 18, 214-218.	1.3	31
125	Ammonium Chloride Ingestion Attenuates Exercise-Induced mRNA Levels in Human Muscle. PLoS ONE, 2015, 10, e0141317.	2.5	17
126	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

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127	Prior Low- or High-Intensity Exercise Alters Pacing Strategy, Energy System Contribution and Performance during a 4-km Cycling Time Trial. PLoS ONE, 2014, 9, e110320.	2.5	12
128	Peripheral fatigue is not critically regulated during maximal, intermittent, dynamic leg extensions. Journal of Applied Physiology, 2014, 117, 1063-1073.	2.5	21
129	The role of sense of effort on self-selected cycling power output. Frontiers in Physiology, 2014, 5, 115.	2.8	52
130	Futsal and Continuous Exercise Induce Similar Changes in Specific Skeletal Muscle Signalling Proteins. International Journal of Sports Medicine, 2014, 35, 863-870.	1.7	5
131	The Acute Effect of Whole Body Vibration on Repeated Shuttle-Running in Young Soccer Players. International Journal of Sports Medicine, 2014, 35, 49-54.	1.7	20
132	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
133	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
134	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
135	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
136	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
137	Effects of sports drinks on the maintenance of physical performance during 3 tennis matches: a randomized controlled study. Journal of the International Society of Sports Nutrition, 2014, 11, 46.	3.9	18
138	EPAS1 gene variants are associated with sprint/power athletic performance in two cohorts of European athletes. BMC Genomics, 2014, 15, 382.	2.8	19
139	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
140	Pacing Strategy Determinants During a 10-km Running Time Trial. Journal of Strength and Conditioning Research, 2014, 28, 1688-1696.	2.1	36
141	The rs12594956 polymorphism in the NRF-2 gene is associated with top-level Spanish athlete's performance status. Journal of Science and Medicine in Sport, 2013, 16, 135-139.	1.3	24
142	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
143	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
144	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

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145	Genes for Elite Power and Sprint Performance: ACTN3 Leads the Way. Sports Medicine, 2013, 43, 803-817.	6.5	158
146	Effects of a low- or a high-carbohydrate diet on performance, energy system contribution, and metabolic responses during supramaximal exercise. Applied Physiology, Nutrition and Metabolism, 2013, 38, 928-934.	1.9	24
147	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
148	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
149	High-Intensity Re-Warm-Ups Enhance Soccer Performance. International Journal of Sports Medicine, 2013, 34, 800-805.	1.7	41
150	Prior Exercise Reduces Fast-Start Duration and End-Spurt Magnitude during Cycling Time-Trial. International Journal of Sports Medicine, 2013, 34, 736-741.	1.7	12
151	Prevalence of cardio-respiratory factors in the occurrence of the decrease in oxygen uptake during supra-maximal, constant-power exercise. SpringerPlus, 2013, 2, 651.	1.2	4
152	Strength-Training with Whole-Body Vibration in Long-Distance Runners: A Randomized Trial. International Journal of Sports Medicine, 2013, 34, 917-923.	1.7	18
153	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
154	Neuromuscular Adjustments of the Quadriceps Muscle after Repeated Cycling Sprints. PLoS ONE, 2013, 8, e61793.	2.5	50
155	Caffeine Alters Anaerobic Distribution and Pacing during a 4000-m Cycling Time Trial. PLoS ONE, 2013, 8, e75399.	2.5	43
156	Interaction of Central and Peripheral Factors during Repeated Sprints at Different Levels of Arterial O2 Saturation. PLoS ONE, 2013, 8, e77297.	2.5	68
157	Repeated sprint ability in elite water polo players and swimmers and its relationship to aerobic and anaerobic performance. Journal of Sports Science and Medicine, 2013, 12, 738-43.	1.6	7
158	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
159	The effect of warm up on single and intermittent-sprint performance. Journal of Sports Sciences, 2012, 30, 833-840.	2.0	11
160	Repeated Sprints Alter Signaling Related to Mitochondrial Biogenesis in Humans. Medicine and Science in Sports and Exercise, 2012, 44, 827-834.	0.4	37
161	The effects of warm-up on intermittent sprint performance in a hot and humid environment. Journal of Sports Sciences, 2012, 30, 967-974.	2.0	11
162	The Relationship Between Short- and Long-Distance Swimming Performance and Repeated Sprint Ability. Journal of Strength and Conditioning Research, 2012, 26, 3426-3431.	2.1	9

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163	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
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