

Olivier Girard

List of Publications by Citations

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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.

191
papers

4,434
citations

37
h-index

59
g-index

217
ext. papers

5,362
ext. citations

4
avg, IF

5.96
L-index

#	Paper	IF	Citations
191	Repeated-sprint ability - part I: factors contributing to fatigue. <i>Sports Medicine</i> , 2011 , 41, 673-94	10.6	436
190	Repeated-sprint ability - part II: recommendations for training. <i>Sports Medicine</i> , 2011 , 41, 741-56	10.6	295
189	Acute and Residual Soccer Match-Related Fatigue: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2018 , 48, 539-583	10.6	140
188	Heart rate responses during small-sided games and short intermittent running training in elite soccer players: a comparative study. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 1449-57	3.2	123
187	Consensus recommendations on training and competing in the heat. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 1, 6-19	4.6	107
186	Changes in circulating microRNAs levels with exercise modality. <i>Journal of Applied Physiology</i> , 2013 , 115, 1237-44	3.7	94
185	Advancing hypoxic training in team sports: from intermittent hypoxic training to repeated sprint training in hypoxia. <i>British Journal of Sports Medicine</i> , 2013 , 47 Suppl 1, i45-50	10.3	94
184	Consensus recommendations on training and competing in the heat. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1164-73	10.3	90
183	Effects of Repeated-Sprint Training in Hypoxia on Sea-Level Performance: A Meta-Analysis. <i>Sports Medicine</i> , 2017 , 47, 1651-1660	10.6	84
182	Physical determinants of tennis performance in competitive teenage players. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1867-72	3.2	75
181	Changes in spring-mass model characteristics during repeated running sprints. <i>European Journal of Applied Physiology</i> , 2011 , 111, 125-34	3.4	73
180	Changes in exercise characteristics, maximal voluntary contraction, and explosive strength during prolonged tennis playing. <i>British Journal of Sports Medicine</i> , 2006 , 40, 521-6	10.3	72
179	Failed excitability of spinal motoneurons induced by prolonged running exercise. <i>Journal of Neurophysiology</i> , 2007 , 97, 596-603	3.2	72
178	Neural and muscular adjustments following repeated running sprints. <i>European Journal of Applied Physiology</i> , 2010 , 109, 1027-36	3.4	68
177	Effects of Altitude/Hypoxia on Single- and Multiple-Sprint Performance: A Comprehensive Review. <i>Sports Medicine</i> , 2017 , 47, 1931-1949	10.6	66
176	Lower-limb activity during the power serve in tennis: effects of performance level. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 1021-9	1.2	66
175	Therapeutic Use of Exercising in Hypoxia: Promises and Limitations. <i>Frontiers in Physiology</i> , 2016 , 7, 224	4.6	60

174	"Live High-Train Low and High" Hypoxic Training Improves Team-Sport Performance. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2140-9	1.2	58
173	Neuromuscular fatigue during a prolonged intermittent exercise: Application to tennis. <i>Journal of Electromyography and Kinesiology</i> , 2008 , 18, 1038-46	2.5	58
172	Effects of the playing surface on plantar pressures and potential injuries in tennis. <i>British Journal of Sports Medicine</i> , 2007 , 41, 733-8	10.3	57
171	Consensus Recommendations on Training and Competing in the Heat. <i>Sports Medicine</i> , 2015 , 45, 925-38	10.6	55
170	High-intensity intermittent training in hypoxia: a double-blinded, placebo-controlled field study in youth football players. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 226-37	3.2	54
169	Sprint performance under heat stress: A review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 1, 79-89	4.6	52
168	Specific incremental field test for aerobic fitness in tennis. <i>British Journal of Sports Medicine</i> , 2006 , 40, 791-6	10.3	51
167	Thermal, physiological and perceptual strain mediate alterations in match-play tennis under heat stress. <i>British Journal of Sports Medicine</i> , 2014 , 48 Suppl 1, i32-i38	10.3	46
166	Neuromuscular adjustments of the quadriceps muscle after repeated cycling sprints. <i>PLoS ONE</i> , 2013 , 8, e61793	3.7	44
165	Relationships between anthropometric measures and athletic performance, with special reference to repeated-sprint ability, in the Qatar national soccer team. <i>Journal of Sports Sciences</i> , 2014 , 32, 1243-54	3.6	43
164	Hot conditions improve power output during repeated cycling sprints without modifying neuromuscular fatigue characteristics. <i>European Journal of Applied Physiology</i> , 2013 , 113, 359-69	3.4	43
163	Neuro-mechanical and metabolic adjustments to the repeated anaerobic sprint test in professional football players. <i>European Journal of Applied Physiology</i> , 2015 , 115, 891-903	3.4	42
162	Determinants of team-sport performance: implications for altitude training by team-sport athletes. <i>British Journal of Sports Medicine</i> , 2013 , 47 Suppl 1, i17-21	10.3	42
161	Spring-mass behavior during exhaustive run at constant velocity in elite triathletes. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 685-92	1.2	41
160	Repeated sprinting on natural grass impairs vertical stiffness but does not alter plantar loading in soccer players. <i>European Journal of Applied Physiology</i> , 2011 , 111, 2547-55	3.4	39
159	Breakpoints in ventilation, cerebral and muscle oxygenation, and muscle activity during an incremental cycling exercise. <i>Frontiers in Physiology</i> , 2014 , 5, 142	4.6	38
158	Neuromuscular fatigue in racquet sports. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2009 , 20, 161-73, ix	2.3	38
157	Specific incremental test in elite squash players. <i>British Journal of Sports Medicine</i> , 2005 , 39, 921-6	10.3	37

156	Monitoring the Athlete Match Response: Can External Load Variables Predict Post-match Acute and Residual Fatigue in Soccer? A Systematic Review with Meta-analysis. <i>Sports Medicine - Open</i> , 2019 , 5, 48	6.1	37
155	The role of sense of effort on self-selected cycling power output. <i>Frontiers in Physiology</i> , 2014 , 5, 115	4.6	36
154	Position statement--altitude training for improving team-sport players' performance: current knowledge and unresolved issues. <i>British Journal of Sports Medicine</i> , 2013 , 47 Suppl 1, i8-16	10.3	36
153	Neuromuscular fatigue in racquet sports. <i>Neurologic Clinics</i> , 2008 , 26, 181-94; x	4.5	36
152	Spinal modulations accompany peripheral fatigue during prolonged tennis playing. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011 , 21, 455-64	4.6	32
151	Normobaric hypoxic conditioning to maximize weight loss and ameliorate cardio-metabolic health in obese populations: a systematic review. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R251-R264	3.2	31
150	Markers of muscle damage and performance recovery after exercise in the heat. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 860-8	1.2	31
149	Repeated maximal-intensity hypoxic exercise superimposed to hypoxic residence boosts skeletal muscle transcriptional responses in elite team-sport athletes. <i>Acta Physiologica</i> , 2018 , 222, e12851	5.6	30
148	Cognitive decrements do not follow neuromuscular alterations during passive heat exposure. <i>International Journal of Hyperthermia</i> , 2011 , 27, 10-9	3.7	30
147	Comments on Point:Counterpoint: Hypobaric hypoxia induces/does not induce different responses from normobaric hypoxia. <i>Journal of Applied Physiology</i> , 2012 , 112, 1788-94	3.7	29
146	Combining heat stress and moderate hypoxia reduces cycling time to exhaustion without modifying neuromuscular fatigue characteristics. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1521-32	3.4	28
145	Emerging Environmental and Weather Challenges in Outdoor Sports. <i>Climate</i> , 2015 , 3, 492-521	3.1	28
144	Changes in running mechanics and spring-mass behaviour during a 5-km time trial. <i>International Journal of Sports Medicine</i> , 2013 , 34, 832-40	3.6	28
143	Walking in Hypoxia: An Efficient Treatment to Lessen Mechanical Constraints and Improve Health in Obese Individuals?. <i>Frontiers in Physiology</i> , 2017 , 8, 73	4.6	27
142	Neuromuscular failure is unlikely to explain the early exercise cessation in hot ambient conditions. <i>Psychophysiology</i> , 2012 , 49, 853-65	4.1	27
141	Game analysis and energy requirements of elite squash. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 909-14	3.2	27
140	Lower limb mechanical asymmetry during repeated treadmill sprints. <i>Human Movement Science</i> , 2017 , 52, 203-214	2.4	26
139	Changes in leg spring behaviour, plantar loading and foot mobility magnitude induced by an exhaustive treadmill run in adolescent middle-distance runners. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 199-203	4.4	25

138	Alteration in neuromuscular function after a 5 km running time trial. <i>European Journal of Applied Physiology</i> , 2012 , 112, 2323-30	3.4	24
137	Influence of restricted knee motion during the flat first serve in tennis. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 950-7	3.2	23
136	Changes in running mechanics over 100-m, 200-m and 400-m treadmill sprints. <i>Journal of Biomechanics</i> , 2016 , 49, 1490-1497	2.9	22
135	Comparison of Four Sections for Analyzing Running Mechanics Alterations During Repeated Treadmill Sprints. <i>Journal of Applied Biomechanics</i> , 2015 , 31, 389-95	1.2	22
134	M-wave, H- and V-reflex recruitment curves during maximal voluntary contraction. <i>Journal of Clinical Neurophysiology</i> , 2013 , 30, 415-21	2.2	21
133	Changes in leg-spring behavior during a 5000m self-paced run in differently trained athletes. <i>Science and Sports</i> , 2010 , 25, 99-102	0.8	20
132	Repeated sprint training in hypoxia: an innovative method. <i>Deutsche Zeitschrift Fur Sportmedizin</i> , 2019 , 2019, 115-122	3.3	20
131	Hot ambient conditions do not alter intermittent cycling sprint performance. <i>Journal of Science and Medicine in Sport</i> , 2012 , 15, 148-52	4.4	19
130	Plantar pressures in the tennis serve. <i>Journal of Sports Sciences</i> , 2010 , 28, 873-80	3.6	19
129	Effect of orthoses on changes in neuromuscular control and aerobic cost of a 1-h run. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 2335-43	1.2	19
128	Mechanical Alterations to Repeated Treadmill Sprints in Normobaric Hypoxia. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1570-9	1.2	19
127	Muscle variables of importance for physiological performance in competitive football. <i>European Journal of Applied Physiology</i> , 2016 , 116, 251-62	3.4	18
126	Neuro-mechanical determinants of repeated treadmill sprints - Usefulness of a "hypoxic to normoxic recovery" approach. <i>Frontiers in Physiology</i> , 2015 , 6, 260	4.6	18
125	Peripheral fatigue is not critically regulated during maximal, intermittent, dynamic leg extensions. <i>Journal of Applied Physiology</i> , 2014 , 117, 1063-73	3.7	18
124	Running versus strength-based warm-up: acute effects on isometric knee extension function. <i>European Journal of Applied Physiology</i> , 2009 , 106, 573-81	3.4	18
123	An Updated Panorama of "Living Low-Training High" Altitude/Hypoxic Methods. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 26	2.3	17
122	Heat stress does not exacerbate tennis-induced alterations in physical performance. <i>British Journal of Sports Medicine</i> , 2014 , 48 Suppl 1, i39-i44	10.3	17
121	Intrasession and Intersession Reliability of Running Mechanics During Treadmill Sprints. <i>International Journal of Sports Physiology and Performance</i> , 2016 , 11, 432-9	3.5	17

120	Updated analysis of changes in locomotor activities across periods in an international ice hockey game. <i>Biology of Sport</i> , 2018 , 35, 261-267	4.3	17
119	Effects of Ramadan fasting on repeated sprint ability in young children. <i>Science and Sports</i> , 2012 , 27, 237-240	0.8	16
118	Do male athletes with already high initial haemoglobin mass benefit from 'live high-train low' altitude training?. <i>Experimental Physiology</i> , 2018 , 103, 68-76	2.4	15
117	Neuromuscular adjustments of the knee extensors and plantar flexors following match-play tennis in the heat. <i>British Journal of Sports Medicine</i> , 2014 , 48 Suppl 1, i45-i51	10.3	15
116	Short- or long-rest intervals during repeated-sprint training in soccer?. <i>PLoS ONE</i> , 2017 , 12, e0171462	3.7	15
115	Commentaries on Viewpoint: Time for a new metric for hypoxic dose?. <i>Journal of Applied Physiology</i> , 2016 , 121, 356-8	3.7	15
114	Psychophysiological Responses to Repeated-Sprint Training in Normobaric Hypoxia and Normoxia. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 115-123	3.5	14
113	Coping with heat stress during match-play tennis: does an individualised hydration regimen enhance performance and recovery?. <i>British Journal of Sports Medicine</i> , 2014 , 48 Suppl 1, i64-70	10.3	14
112	Redetermination of the optimal stimulation intensity modifies resting H-reflex recovery after a sustained moderate-intensity muscle contraction. <i>Muscle and Nerve</i> , 2010 , 41, 642-50	3.4	14
111	Training During the COVID-19 Lockdown: Knowledge, Beliefs, and Practices of 12,526 Athletes from 142 Countries and Six Continents. <i>Sports Medicine</i> , 2021 , 1	10.6	14
110	Mechanical alterations during interval-training treadmill runs in high-level male team-sport players. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20, 87-91	4.4	13
109	Adaptations in muscle oxidative capacity, fiber size, and oxygen supply capacity after repeated-sprint training in hypoxia combined with chronic hypoxic exposure. <i>Journal of Applied Physiology</i> , 2018 , 124, 1403-1412	3.7	13
108	On the Use of a Test to Exhaustion Specific to Tennis (TEST) with Ball Hitting by Elite Players. <i>PLoS ONE</i> , 2016 , 11, e0152389	3.7	13
107	Kinetic Sprint Asymmetries on a non-motorised Treadmill in Rugby Union Athletes. <i>International Journal of Sports Medicine</i> , 2017 , 38, 1017-1022	3.6	12
106	Sprint mechanical differences at maximal running speed: Effects of performance level. <i>Journal of Sports Sciences</i> , 2019 , 37, 2026-2036	3.6	12
105	Short versus long small-sided game training during Ramadan in soccer players. <i>Physical Therapy in Sport</i> , 2017 , 24, 20-25	3	12
104	On the use of mobile inflatable hypoxic marquees for sport-specific altitude training in team sports. <i>British Journal of Sports Medicine</i> , 2013 , 47 Suppl 1, i121-3	10.3	12
103	Alteration of neuromuscular function in squash. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 172-74.4	12	12

102	Running mechanical alterations during repeated treadmill sprints in hot versus hypoxic environments. A pilot study. <i>Journal of Sports Sciences</i> , 2016 , 34, 1190-8	3.6	11
101	Additive stress of normobaric hypoxic conditioning to improve body mass loss and cardiometabolic markers in individuals with overweight or obesity: A systematic review and meta-analysis. <i>Physiology and Behavior</i> , 2019 , 207, 28-40	3.5	11
100	Walking-induced muscle fatigue impairs postural control in adolescents with unilateral spastic cerebral palsy. <i>Research in Developmental Disabilities</i> , 2016 , 53-54, 11-8	2.7	11
99	Plantar flexor neuromuscular adjustments following match-play football in hot and cool conditions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 1, 154-63	4.6	11
98	Influence of weather, rank, and home advantage on football outcomes in the Gulf region. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 401-10	1.2	11
97	Effects of Combined Foot/Ankle Electromyostimulation and Resistance Training on the In-Shoe Plantar Pressure Patterns during Sprint in Young Athletes. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 292-300	2.7	11
96	Tennis in hot and cool conditions decreases the rapid muscle torque production capacity of the knee extensors but not of the plantar flexors. <i>British Journal of Sports Medicine</i> , 2014 , 48 Suppl 1, i52-8	10.3	10
95	Exercise-related sensations contribute to decrease power during repeated cycle sprints with limited influence on neural drive. <i>European Journal of Applied Physiology</i> , 2017 , 117, 2171-2179	3.4	10
94	Association of Hematological Variables with Team-Sport Specific Fitness Performance. <i>PLoS ONE</i> , 2015 , 10, e0144446	3.7	10
93	M-wave normalization of EMG signal to investigate heat stress and fatigue. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 518-524	4.4	10
92	Outdoor exercise performance in ambient heat: time to overcome challenging factors?. <i>International Journal of Hyperthermia</i> , 2014 , 30, 547-9	3.7	9
91	Mechanical Alterations Associated with Repeated Treadmill Sprinting under Heat Stress. <i>PLoS ONE</i> , 2017 , 12, e0170679	3.7	9
90	Mechanical Alterations during 800-m Self-Paced Track Running. <i>International Journal of Sports Medicine</i> , 2017 , 38, 314-321	3.6	8
89	Acute performance and physiological responses to repeated-sprint exercise in a combined hot and hypoxic environment. <i>Physiological Reports</i> , 2020 , 8, e14466	2.6	7
88	Psycho-physiological responses to perceptually-regulated interval runs in hypoxia and normoxia. <i>Physiology and Behavior</i> , 2019 , 209, 112611	3.5	7
87	Clarification on altitude training. <i>Experimental Physiology</i> , 2017 , 102, 130-131	2.4	7
86	Thermoregulation in wheelchair tennis-How to manage heat stress?. <i>Frontiers in Physiology</i> , 2015 , 6, 1754.6		7
85	Effects of the playing surface on plantar pressures during the first serve in tennis. <i>International Journal of Sports Physiology and Performance</i> , 2010 , 5, 384-93	3.5	7

84	The Use of the SpO ₂ to FiO ₂ Ratio to Individualize the Hypoxic Dose in Sport Science, Exercise, and Health Settings. <i>Frontiers in Physiology</i> , 2020 , 11, 570472	4.6	7
83	Separate and combined effects of local and systemic hypoxia in resistance exercise. <i>European Journal of Applied Physiology</i> , 2019 , 119, 2313-2325	3.4	6
82	Running Velocity Does Not Influence Lower Limb Mechanical Asymmetry. <i>Frontiers in Sports and Active Living</i> , 2019 , 1, 36	2.3	6
81	Muscle Oxygenation During Repeated Double-Poling Sprint Exercise in Normobaric Hypoxia and Normoxia. <i>Frontiers in Physiology</i> , 2019 , 10, 743	4.6	6
80	Asymmetries during repeated treadmill sprints in elite female Rugby Sevens players. <i>Sports Biomechanics</i> , 2020 , 1-11	2.2	6
79	High Altitude Increases Alteration in Maximal Torque but Not in Rapid Torque Development in Knee Extensors after Repeated Treadmill Sprinting. <i>Frontiers in Physiology</i> , 2016 , 7, 97	4.6	6
78	Active Preconditioning With Blood Flow Restriction or/and Systemic Hypoxic Exposure Does Not Improve Repeated Sprint Cycling Performance. <i>Frontiers in Physiology</i> , 2019 , 10, 1393	4.6	6
77	Soccer-Specific Reactive Repeated-Sprint Ability in Elite Youth Soccer Players: Maturation Trends and Association With Various Physical Performance Tests. <i>Journal of Strength and Conditioning Research</i> , 2020 , 34, 3538-3545	3.2	6
76	The Effect of EVA and TPU Custom Foot Orthoses on Running Economy, Running Mechanics, and Comfort. <i>Frontiers in Sports and Active Living</i> , 2019 , 1, 34	2.3	5
75	Hypoxia and Fatigue Impair Rapid Torque Development of Knee Extensors in Elite Alpine Skiers. <i>Frontiers in Physiology</i> , 2018 , 9, 962	4.6	5
74	GAME ANALYSIS AND ENERGY REQUIREMENTS OF ELITE SQUASH. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 909-914	3.2	5
73	Running mechanics adjustments to perceptually-regulated interval runs in hypoxia and normoxia. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 1111-1116	4.4	5
72	Central and peripheral muscle fatigue following repeated-sprint running in moderate and severe hypoxia. <i>Experimental Physiology</i> , 2021 , 106, 126-138	2.4	5
71	Heat Added to Repeated-Sprint Training in Hypoxia Does Not Affect Cycling Performance. <i>International Journal of Sports Physiology and Performance</i> , 2021 , 1-9	3.5	5
70	Commentaries on Viewpoint: Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. <i>Journal of Applied Physiology</i> , 2017 , 122, 409-411	3.7	4
69	Technical Alterations during an Incremental Field Test in Elite Male Tennis Players. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1917-1926	1.2	4
68	Neuromuscular and perceptual responses during repeated cycling sprints-usefulness of a "hypoxic to normoxic" recovery approach. <i>European Journal of Applied Physiology</i> , 2020 , 120, 883-896	3.4	4
67	Can analysis of performance and neuromuscular recoveries from repeated sprints shed more light on its fatigue-causing mechanisms?. <i>Frontiers in Physiology</i> , 2015 , 6, 5	4.6	4

66	Does living and working in a hot environment induce clinically relevant changes in immune function and voluntary force production capacity?. <i>Industrial Health</i> , 2014 , 52, 235-9	2.5	4
65	Changes In Motoneuron Pool Excitability During Prolonged Tennis Playing. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, S434	1.2	4
64	Running mechanics and leg muscle activity patterns during early and late acceleration phases of repeated treadmill sprints in male recreational athletes. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2785-2796	3.4	4
63	Minimal Agreement between Internal and External Training Load Metrics across a 2-wk Training Microcycle in Elite Squash. <i>Journal of Sports Science and Medicine</i> , 2021 , 20, 101-109	2.7	4
62	Effects of Plyometric Jump Training on Repeated Sprint Ability in Athletes: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2021 , 51, 2165-2179	10.6	4
61	Quantifying Training Demands of a 2-Week In-Season Squash Microcycle. <i>International Journal of Sports Physiology and Performance</i> , 2021 , 16, 779-786	3.5	4
60	In-Season Repeated-Sprint Training in Hypoxia in International Field Hockey Players. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 66	2.3	3
59	Comparaison de la répartition des appuis plantaires entre chaussures d'entraînement et chaussures à pointes chez de jeunes sprinters. <i>Science and Sports</i> , 2007 , 22, 176-178	0.8	3
58	Increased footwear comfort is associated with improved running economy - a systematic review and meta-analysis. <i>European Journal of Sport Science</i> , 2021 , 1-13	3.9	3
57	Endocrine and Metabolic Responses to Endurance Exercise Under Hot and Hypoxic Conditions. <i>Frontiers in Physiology</i> , 2020 , 11, 932	4.6	3
56	Sessional work-rate does not affect the magnitude to which simulated hypoxia can augment acute physiological responses during resistance exercise. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2159-2169	3.4	3
55	Short-Term Repeated-Sprint Training in Hot and Cool Conditions Similarly Benefits Performance in Team-Sport Athletes. <i>Frontiers in Physiology</i> , 2020 , 11, 1023	4.6	3
54	Influence of the COVID-19 Pandemic on Mood and Training in Australian Community Tennis Players. <i>Frontiers in Sports and Active Living</i> , 2021 , 3, 589617	2.3	3
53	Short-Term Repeated Wingate Training in Hypoxia and Normoxia in Sprinters. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 43	2.3	3
52	Differences within Elite Female Tennis Players during an Incremental Field Test. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2465-2473	1.2	3
51	Custom foot orthoses improve performance, but do not modify the biomechanical manifestation of fatigue, during repeated treadmill sprints. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2037-2045	3.4	2
50	Does altitude level of a prior time-trial modify subsequent exercise performance in hypoxia and associated neuromuscular responses?. <i>Physiological Reports</i> , 2016 , 4, e12804	2.6	2
49	Excess VO ₂ during ramp exercise is positively correlated to intercostal muscles deoxyhemoglobin levels above the gas exchange threshold in young trained cyclists. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 228, 83-90	2.8	2

48	Acute Psychophysiological Responses to Cyclic Variation of Intermittent Hypoxic Exposure in Adults with Obesity. <i>High Altitude Medicine and Biology</i> , 2019 , 20, 262-270	1.9	2
47	Relations entre la consommation d'oxygène et des mesures accléométriques en course à pied sur piste. <i>Science and Sports</i> , 2005 , 20, 91-94	0.8	2
46	Altitud y deportes de equipo: métodos tradicionales desafiados por un entrenamiento innovador y específico en hipoxia. [Altitude and team sports: traditional methods challenged by innovative sport-specific training in hypoxia].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2016 , 12, 338-358	1.5	2
45	How does playing position affect fatigue-induced changes in high-intensity locomotor and micro-movements patterns during professional rugby union games?. <i>European Journal of Sport Science</i> , 2021 , 21, 1364-1374	3.9	2
44	On the Use of the Repeated-Sprint Training in Hypoxia in Tennis. <i>Frontiers in Physiology</i> , 2020 , 11, 588824	1.6	2
43	Alterations of spatiotemporal and ground reaction force variables during decelerated sprinting. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 586-596	4.6	2
42	Asymmetry in sprinting: An insight into sub-10 and sub-11 s men and women sprinters. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 ,	4.6	2
41	Heat stress impairs proprioception but not running mechanics. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 1361-1366	4.4	1
40	Effects of Active and Passive Hypoxic Conditioning for 6 Weeks at Different Altitudes on Blood Lipids, Leptin, and Weight in Rats. <i>High Altitude Medicine and Biology</i> , 2020 , 21, 243-248	1.9	1
39	Occurrence of a $\dot{V}O_2$ slow component during intermittent exercises performed at $\dot{V}O_2$ peak. <i>Science and Sports</i> , 2018 , 33, e9-e17	0.8	1
38	Commentaries on Viewpoint: Resistance training and exercise tolerance during high-intensity exercise: moving beyond just running economy and muscle strength. <i>Journal of Applied Physiology</i> , 2018 , 124, 529-535	3.7	1
37	Larger strength losses and muscle activation deficits in plantar flexors induced by backward downhill in reference to distance-matched forward uphill treadmill walk. <i>European Journal of Sport Science</i> , 2018 , 18, 1346-1356	3.9	1
36	Lower limb mechanical properties: significant references omitted. <i>Sports Medicine</i> , 2013 , 43, 151-3	10.6	1
35	Increased air temperature during repeated-sprint training in hypoxia amplifies changes in muscle oxygenation without decreasing cycling performance. <i>European Journal of Sport Science</i> , 2021 , 1-11	3.9	1
34	Does "Live High-Train Low (and High)" Hypoxic Training Alter Running Mechanics In Elite Team-sport Players?. <i>Journal of Sports Science and Medicine</i> , 2017 , 16, 328-332	2.7	1
33	Is Plantar Loading Altered During Repeated Sprints on Artificial Turf in International Football Players?. <i>Journal of Sports Science and Medicine</i> , 2018 , 17, 359-365	2.7	1
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