Olivier Girard

List of Publications by Year
in descending order

213 papers	6,467 citations	66234 42 h-index	85405 71 g-index
217 all docs	217 docs citations	217 times ranked	4239 citing authors

#	Article	IF	Citations
1	Repeated-Sprint Ability â€“ Part I. Sports Medicine, 2011, 41, 673-694.	3.1	577
2	Repeated-Sprint Ability â€“ Part II. Sports Medicine, 2011, 41, 741-756.	3.1	394
3	Acute and Residual Soccer Match-Related Fatigue: A Systematic Review and Meta-analysis. Sports Medicine, 2018, 48, 539-583.	3.1	215
4	Consensus recommendations on training and competing in the heat. British Journal of Sports Medicine, 2015, 49, 1164-1173.	3.1	195
5	Heart Rate Responses During Small-Sided Games and Short Intermittent Running Training in Elite Soccer Players: A Comparative Study. Journal of Strength and Conditioning Research, 2008, 22, 1449-1457.	1.0	167
6	Advancing hypoxic training in team sports: from intermittent hypoxic training to repeated sprint training in hypoxia: TableA1. British Journal of Sports Medicine, 2013, 47, i45-i50.	3.1	144
7	Consensus recommendations on training and competing in the heat. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 6-19.	1.3	144
8	Effects of Repeated-Sprint Training in Hypoxia on Sea-Level Performance: A Meta-Analysis. Sports Medicine, 2017, 47, 1651-1660.	3.1	128
9	Changes in circulating microRNAs levels with exercise modality. Journal of Applied Physiology, 2013, 115, 1237-1244.	1.2	115
10	Physical Determinants of Tennis Performance in Competitive Teenage Players. Journal of Strength and Conditioning Research, 2009, 23, 1867-1872.	1.0	108
11	Effects of Altitude/Hypoxia on Single- and Multiple-Sprint Performance: A Comprehensive Review. Sports Medicine, 2017, 47, 1931-1949.	3.1	105
12	Changes in exercise characteristics, maximal voluntary contraction, and explosive strength during prolonged tennis playing. British Journal of Sports Medicine, 2006, 40, 521-526.	3.1	98
13	Therapeutic Use of Exercising in Hypoxia: Promises and Limitations. Frontiers in Physiology, 2016, 7, 224.	1.3	98
14	â€œLive Highâ€“Train Low and Highâ€•Hypoxic Training Improves Team-Sport Performance. Medicine and Science in Sports and Exercise, 2015, 47, 2140-2149.	0.2	89
15	Monitoring the Athlete Match Response: Can External Load Variables Predict Post-match Acute and Residual Fatigue in Soccer? A Systematic Review with Meta-analysis. Sports Medicine - Open, 2019, 5, 48.	1.3	81
16	Changes in spring-mass model characteristics during repeated running sprints. European Journal of Applied Physiology, 2011, 111, 125-134.	1.2	80
17	Neural and muscular adjustments following repeated running sprints. European Journal of Applied Physiology, 2010, 109, 1027-1036.	1.2	78
18	Training During the COVID-19 Lockdown: Knowledge, Beliefs, and Practices of 12,526 Athletes from 142 Countries and Six Continents. Sports Medicine, 2022, 52, 933-948.	3.1	78

#	Article	IF	Citations
19	Sprint performance under heat stress: A review. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 79-89.	1.3	76
20	Failed Excitability of Spinal Motoneurons Induced by Prolonged Running Exercise. Journal of Neurophysiology, 2007, 97, 596-603.	0.9	75
21	Neuromuscular fatigue during a prolonged intermittent exercise: Application to tennis. Journal of Electromyography and Kinesiology, 2008, 18, 1038-1046.	0.7	73
22	Lower-limb activity during the power serve in tennis: effects of performance level. Medicine and Science in Sports and Exercise, 2005, 37, 1021-9.	0.2	72
23	Relationships between anthropometric measures and athletic performance, with special reference to repeated-sprint ability, in the Qatar national soccer team. Journal of Sports Sciences, 2014, 32, 1243-1254.	1.0	70
24	Consensus Recommendations on Training and Competing in the Heat. Sports Medicine, 2015, 45, 925-938.	3.1	70
25	Specific incremental field test for aerobic fitness in tennis. British Journal of Sports Medicine, 2006, 40, 791-796.	3.1	67
26	Effects of the playing surface on plantar pressures and potential injuries in tennis. British Journal of Sports Medicine, 2007, 41, 733-738.	3.1	66
27	High-Intensity Intermittent Training in Hypoxia. Journal of Strength and Conditioning Research, 2015, 29, 226-237.	1.0	66
28	Thermal, physiological and perceptual strain mediate alterations in match-play tennis under heat stress. British Journal of Sports Medicine, 2014, 48, i32-i38.	3.1	58
29	Neuro-mechanical and metabolic adjustments to the repeated anaerobic sprint test in professional football players. European Journal of Applied Physiology, 2015, 115, 891-903.	1.2	58
30	Hypoxic training and team sports: a challenge to traditional methods?. British Journal of Sports Medicine, 2013, 47, i6-i7.	3.1	57
31	Spring-Mass Behavior during Exhaustive Run at Constant Velocity in Elite Triathletes. Medicine and Science in Sports and Exercise, 2011, 43, 685-692.	0.2	56
32	Position statementâ€"altitude training for improving team-sport playersâ€™ performance: current knowledge and unresolved issues. British Journal of Sports Medicine, 2013, 47, i8-i16.	3.1	54
33	Determinants of team-sport performance: implications for altitude training by team-sport athletes. British Journal of Sports Medicine, 2013, 47, i17-i21.	3.1	54
34	Breakpoints in ventilation, cerebral and muscle oxygenation, and muscle activity during an incremental cycling exercise. Frontiers in Physiology, 2014, 5, 142.	1.3	53
35	The role of sense of effort on self-selected cycling power output. Frontiers in Physiology, 2014, 5, 115.	1.3	52
36	Normobaric hypoxic conditioning to maximize weight loss and ameliorate cardio-metabolic health in obese populations: a systematic review. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R251-R264.	0.9	52

#	Article	IF	Citations
37	Hot conditions improve power output during repeated cycling sprints without modifying neuromuscular fatigue characteristics. European Journal of Applied Physiology, 2013, 113, 359-369.	1.2	51
38	Neuromuscular Adjustments of the Quadriceps Muscle after Repeated Cycling Sprints. PLoS ONE, 2013, 8, e61793.	1.1	50
39	Neuromuscular Fatigue in Racquet Sports. Neurologic Clinics, 2008, 26, 181-194.	0.8	47
40	Changes in Running Mechanics and Spring-Mass Behaviour during a 5-km Time Trial. International Journal of Sports Medicine, 2013, 34, 832-840.	0.8	46
41	Neuromuscular Fatigue in Racquet Sports. Physical Medicine and Rehabilitation Clinics of North America, 2009, 20, 161-173.	0.7	45
42	Walking in Hypoxia: An Efficient Treatment to Lessen Mechanical Constraints and Improve Health in Obese Individuals?. Frontiers in Physiology, 2017, 8, 73.	1.3	45
43	Specific incremental test in elite squash players. British Journal of Sports Medicine, 2005, 39, 921-926.	3.1	44
44	Repeated sprinting on natural grass impairs vertical stiffness but does not alter plantar loading in soccer players. European Journal of Applied Physiology, 2011, 111, 2547-2555.	1.2	44
45	Emerging Environmental and Weather Challenges in Outdoor Sports. Climate, 2015, 3, 492-521.	1.2	44
46	Repeated maximalâ€intensity hypoxic exercise superimposed to hypoxic residence boosts skeletal muscle transcriptional responses in elite teamâ€sport athletes. Acta Physiologica, 2018, 222, e12851.	1.8	44
47	An Updated Panorama of â€œLiving Low-Training Highâ€•Altitude/Hypoxic Methods. Frontiers in Sports and Active Living, 2020, 2, 26.	0.9	43
48	Game Analysis and Energy Requirements of Elite Squash. Journal of Strength and Conditioning Research, 2007, 21, 909.	1.0	43
49	Repeated sprint training in hypoxia â€“ an innovative method. Deutsche Zeitschrift Fur Sportmedizin, 2019, 2019, 115-122.	0.2	43
50	Markers of Muscle Damage and Performance Recovery after Exercise in the Heat. Medicine and Science in Sports and Exercise, 2013, 45, 860-868.	0.2	41
51	Spinal modulations accompany peripheral fatigue during prolonged tennis playing. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 455-464.	1.3	39
52	Cognitive decrements do not follow neuromuscular alterations during passive heat exposure. International Journal of Hyperthermia, 2011, 27, 10-19.	1.1	39
53	Lower limb mechanical asymmetry during repeated treadmill sprints. Human Movement Science, 2017, 52, 203-214.	0.6	39
54	Muscle variables of importance for physiological performance in competitive football. European Journal of Applied Physiology, 2016, 116, 251-262.	1.2	37

#	Article	IF	Citations
55	Combining heat stress and moderate hypoxia reduces cycling time to exhaustion without modifying neuromuscular fatigue characteristics. European Journal of Applied Physiology, 2014, 114, 1521-1532.	1.2	36
56	Updated analysis of changes in locomotor activities across periods in an international ice hockey game. Biology of Sport, 2018, 35, 261-267.	1.7	35
57	Short- or long-rest intervals during repeated-sprint training in soccer?. PLoS ONE, 2017, 12, e0171462.	1.1	35
58	Comments on Point:Counterpoint: Hypobaric hypoxia induces/does not induce different responses from normobaric hypoxia. Journal of Applied Physiology, 2012, 112, 1788-1794.	1.2	34
59	Changes in leg spring behaviour, plantar loading and foot mobility magnitude induced by an exhaustive treadmill run in adolescent middle-distance runners. Journal of Science and Medicine in Sport, 2015, 18, 199-203.	0.6	33
60	Plantar pressures in the tennis serve. Journal of Sports Sciences, 2010, 28, 873-880.	1.0	30
61	Neuromuscular failure is unlikely to explain the early exercise cessation in hot ambient conditions. Psychophysiology, 2012, 49, 853-865.	1.2	29
62	Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?. Journal of Applied Physiology, 2016, 121, 356-358.	1.2	29
63	Influence of Restricted Knee Motion During the Flat First Serve in Tennis. Journal of Strength and Conditioning Research, 2007, 21, 950.	1.0	29
64	Alteration in neuromuscular function after a 5Âkm running time trial. European Journal of Applied Physiology, 2012, 112, 2323-2330.	1.2	28
65	M-wave, H- and V-Reflex Recruitment Curves During Maximal Voluntary Contraction. Journal of Clinical Neurophysiology, 2013, 30, 415-421.	0.9	28
66	Mechanical Alterations to Repeated Treadmill Sprints in Normobaric Hypoxia. Medicine and Science in Sports and Exercise, 2016, 48, 1570-1579.	0.2	28
67	Changes in running mechanics over 100-m, 200-m and 400-m treadmill sprints. Journal of Biomechanics, 2016, 49, 1490-1497.	0.9	27
68	Is live highâ€“train low altitude training relevant for elite athletes? Flawed analysis from inaccurate data. British Journal of Sports Medicine, 2019, 53, 923-925.	3.1	27
69	Adaptations in muscle oxidative capacity, fiber size, and oxygen supply capacity after repeated-sprint training in hypoxia combined with chronic hypoxic exposure. Journal of Applied Physiology, 2018, 124, 1403-1412.	1.2	25
70	Changes in leg-spring behavior during a 5000m self-paced run in differently trained athletes. Science and Sports, 2010, 25, 99-102.	0.2	24
71	Comparison of Four Sections for Analyzing Running Mechanics Alterations During Repeated Treadmill Sprints. Journal of Applied Biomechanics, 2015, 31, 389-395.	0.3	24
72	Association of Hematological Variables with Team-Sport Specific Fitness Performance. PLoS ONE, 2015, 10, e0144446.	1.1	24

#	Article	IF	Citations
73	Effects of Ramadan fasting on repeated sprint ability in young children. Science and Sports, 2012, 27, 237-240.	0.2	22
74	Hot ambient conditions do not alter intermittent cycling sprint performance. Journal of Science and Medicine in Sport, 2012, 15, 148-152.	0.6	22
75	Heat stress does not exacerbate tennis-induced alterations in physical performance. British Journal of Sports Medicine, 2014, 48, i39-i44.	3.1	22
76	Neuro-mechanical determinants of repeated treadmill sprints - Usefulness of an â€œhypoxic to normoxic recoveryâ€•approach. Frontiers in Physiology, 2015, 6, 260.	1.3	22
77	Psychophysiological Responses to Repeated-Sprint Training in Normobaric Hypoxia and Normoxia. International Journal of Sports Physiology and Performance, 2017, 12, 115-123.	1.1	22
78	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. Physiology and Behavior, 2019, 207, 28-40.	1.0	22
79	The Use of the SpO2 to FiO2 Ratio to Individualize the Hypoxic Dose in Sport Science, Exercise, and Health Settings. Frontiers in Physiology, 2020, 11, 570472.	1.3	22
80	On the Use of a Test to Exhaustion Specific to Tennis (TEST) with Ball Hitting by Elite Players. PLoS ONE, 2016, 11, e0152389.	1.1	22
81	Peripheral fatigue is not critically regulated during maximal, intermittent, dynamic leg extensions. Journal of Applied Physiology, 2014, 117, 1063-1073.	1.2	21
82	Effect of Orthoses on Changes in Neuromuscular Control and Aerobic Cost of a 1-h Run. Medicine and Science in Sports and Exercise, 2011, 43, 2335-2343.	0.2	20
83	On the use of mobile inflatable hypoxic marquees for sport-specific altitude training in team sports. British Journal of Sports Medicine, 2013, 47, i121-i123.	3.1	20
84	Coping with heat stress during match-play tennis: Does an individualised hydration regimen enhance performance and recovery?. British Journal of Sports Medicine, 2014, 48, i64-i70.	3.1	20
85	Kinetic Sprint Asymmetries on a non-motorised Treadmill in Rugby Union Athletes. International Journal of Sports Medicine, 2017, 38, 1017-1022.	0.8	20
86	Running versus strength-based warm-up: acute effects on isometric knee extension function. European Journal of Applied Physiology, 2009, 106, 573-581.	1.2	19
87	Neuromuscular adjustments of the knee extensors and plantar flexors following match-play tennis in the heat. British Journal of Sports Medicine, 2014, 48, i45-i51.	3.1	19
88	Influence of Weather, Rank, and Home Advantage on Football Outcomes in the Gulf Region. Medicine and Science in Sports and Exercise, 2015, 47, 401-410.	0.2	19
89	Intrasession and Intersession Reliability of Running Mechanics During Treadmill Sprints. International Journal of Sports Physiology and Performance, 2016, 11, 432-439.	1.1	19
90	Short versus long small-sided game training during Ramadan in soccer players. Physical Therapy in Sport, 2017, 24, 20-25.	0.8	18

#	Article	IF	Citations
91	Do male athletes with already high initial haemoglobin mass benefit from â€˜live highâ€“train lowâ€™ altitude training?. Experimental Physiology, 2018, 103, 68-76.	0.9	18
92	Sprint mechanical differences at maximal running speed: Effects of performance level. Journal of Sports Sciences, 2019, 37, 2026-2036.	1.0	18
93	Effects of Plyometric Jump Training on Repeated Sprint Ability in Athletes: A Systematic Review and Meta-Analysis. Sports Medicine, 2021, 51, 2165-2179.	3.1	18
94	M-wave normalization of EMG signal to investigate heat stress and fatigue. Journal of Science and Medicine in Sport, 2018, 21, 518-524.	0.6	17
95	Running Velocity Does Not Influence Lower Limb Mechanical Asymmetry. Frontiers in Sports and Active Living, 2019, 1, 36.	0.9	17
96	Characterization of the cortical myeloarchitecture with inhomogeneous magnetization transfer imaging (ihMT). NeuroImage, 2021, 225, 117442.	2.1	17
97	Tennis in hot and cool conditions decreases the rapid muscle torque production capacity of the knee extensors but not of the plantar flexors. British Journal of Sports Medicine, 2014, 48, i52-i58.	3.1	16
98	COVID-19 Lockdown: A Global Study Investigating the Effect of Athletesâ€™ Sport Classification and Sex on Training Practices. International Journal of Sports Physiology and Performance, 2022, 17, 1242-1256.	1.1	16
99	Running mechanical alterations during repeated treadmill sprints in hotversushypoxic environments. A pilot study. Journal of Sports Sciences, 2016, 34, 1190-1198.	1.0	15
100	Mechanical alterations during interval-training treadmill runs in high-level male team-sport players. Journal of Science and Medicine in Sport, 2017, 20, 87-91.	0.6	15
101	Effects of the Playing Surface on Plantar Pressures During the First Serve in Tennis. International Journal of Sports Physiology and Performance, 2010, 5, 384-393.	1.1	14
102	Alteration of neuromuscular function in squash. Journal of Science and Medicine in Sport, 2010, 13, 172-177.	0.6	14
103	Redetermination of the optimal stimulation intensity modifies resting Hâ€reflex recovery after a sustained moderateâ€intensity muscle contraction. Muscle and Nerve, 2010, 41, 642-650.	1.0	14
104	Psycho-physiological responses to perceptually-regulated interval runs in hypoxia and normoxia. Physiology and Behavior, 2019, 209, 112611.	1.0	14
105	Hypoxic conditioning: a novel therapeutic solution for load-compromised individuals to achieve similar exercise benefits by doing less mechanical work!. British Journal of Sports Medicine, 2021, 55, 944-945.	3.1	14
106	Plantar flexor neuromuscular adjustments following matchâ€play football in hot and cool conditions. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 154-163.	1.3	13
107	Soccer-Specific Reactive Repeated-Sprint Ability in Elite Youth Soccer Players: Maturation Trends and Association With Various Physical Performance Tests. Journal of Strength and Conditioning Research, 2020, 34, 3538-3545.	1.0	13
108	Effects of Combined Foot/Ankle Electromyostimulation and Resistance Training on the In-Shoe Plantar Pressure Patterns during Sprint in Young Athletes. Journal of Sports Science and Medicine, 2011, 10, 292-300.	0.7	13

#	Article	IF	Citations
109	Walking-induced muscle fatigue impairs postural control in adolescents with unilateral spastic cerebral palsy. Research in Developmental Disabilities, 2016, 53-54, 11-18.	1.2	12
110	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.	1.2	12
111	Acute performance and physiological responses to repeatedâ€sprint exercise in a combined hot and hypoxic environment. Physiological Reports, 2020, 8, e14466.	0.7	12
112	Central and peripheral muscle fatigue following repeatedâ€sprint running in moderate and severe hypoxia. Experimental Physiology, 2021, 106, 126-138.	0.9	12
113	Asymmetry in sprinting: An insight into subâ€10 and subâ€11 s men and women sprinters. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 69-82.	1.3	12
114	Outdoor exercise performance in ambient heat: Time to overcome challenging factors?. International Journal of Hyperthermia, 2014, 30, 547-549.	1.1	11
115	Mechanical Alterations during 800-m Self-Paced Track Running. International Journal of Sports Medicine, 2017, 38, 314-321.	0.8	11
116	Separate and combined effects of local and systemic hypoxia in resistance exercise. European Journal of Applied Physiology, 2019, 119, 2313-2325.	1.2	11
117	Muscle Oxygenation During Repeated Double-Poling Sprint Exercise in Normobaric Hypoxia and Normoxia. Frontiers in Physiology, 2019, 10, 743.	1.3	11
118	Asymmetries during repeated treadmill sprints in elite female Rugby Sevens players. Sports Biomechanics, 2023, 22, 863-873.	0.8	11
119	Aerobic Training With Blood Flow Restriction for Endurance Athletes: Potential Benefits and Considerations of Implementation. Journal of Strength and Conditioning Research, 2022, 36, 3541-3550.	1.0	11
120	Mechanical Alterations Associated with Repeated Treadmill Sprinting under Heat Stress. PLoS ONE, 2017, 12, e0170679.	1.1	11
121	On the Use of the Repeated-Sprint Training in Hypoxia in Tennis. Frontiers in Physiology, 2020, 11, 588821.	1.3	10
122	Thermoregulation in wheelchair tennisÃ¢â‚¬â€How to manage heat stress?. Frontiers in Physiology, 2015, 6, 175.	1.3	9
123	High Altitude Increases Alteration in Maximal Torque but Not in Rapid Torque Development in Knee Extensors after Repeated Treadmill Sprinting. Frontiers in Physiology, 2016, 7, 97.	1.3	9
124	Clarification on altitude training. Experimental Physiology, 2017, 102, 130-131.	0.9	9
125	Editorial: High-Intensity Exercise in Hypoxia: Beneficial Aspects and Potential Drawbacks. Frontiers in Physiology, 2017, 8, 1017.	1.3	8
126	Differences within Elite Female Tennis Players during an Incremental Field Test. Medicine and Science in Sports and Exercise, 2018, 50, 2465-2473.	0.2	8

#	Article	IF	Citations
127	Hypoxia and Fatigue Impair Rapid Torque Development of Knee Extensors in Elite Alpine Skiers. Frontiers in Physiology, 2018, 9, 962.	1.3	8
128	The Effect of EVA and TPU Custom Foot Orthoses on Running Economy, Running Mechanics, and Comfort. Frontiers in Sports and Active Living, 2019, 1, 34.	0.9	8
129	Active Preconditioning With Blood Flow Restriction or/and Systemic Hypoxic Exposure Does Not Improve Repeated Sprint Cycling Performance. Frontiers in Physiology, 2019, 10, 1393.	1.3	8
130	Recommendations for altitude training programming to preserve athletesâ€™ health after the COVID-19 pandemic. British Journal of Sports Medicine, 2020, 54, 1184-1186.	3.1	8
131	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.	1.2	8
132	Running mechanics adjustments to perceptually-regulated interval runs in hypoxia and normoxia. Journal of Science and Medicine in Sport, 2020, 23, 1111-1116.	0.6	8
133	Alterations of spatiotemporal and ground reaction force variables during decelerated sprinting. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 586-596.	1.3	8
134	Heat Added to Repeated-Sprint Training in Hypoxia Does Not Affect Cycling Performance. International Journal of Sports Physiology and Performance, 2021, 16, 1640-1648.	1.1	8
135	Improving team-sport playerâ€™s physical performance with altitude training: from beliefs to scientific evidence. British Journal of Sports Medicine, 2013, 47, i2-i3.	3.1	7
136	Running mechanics and leg muscle activity patterns during early and late acceleration phases of repeated treadmill sprints in male recreational athletes. European Journal of Applied Physiology, 2020, 120, 2785-2796.	1.2	7
137	Influence of the COVID-19 Pandemic on Mood and Training in Australian Community Tennis Players. Frontiers in Sports and Active Living, 2021, 3, 589617.	0.9	7
138	Acute Effect of Repeated Sprint Exercise With Blood Flow Restriction During Rest Periods on Muscle Oxygenation. Frontiers in Physiology, 2021, 12, 665383.	1.3	7
139	GAME ANALYSIS AND ENERGY REQUIREMENTSL OF ELITE SQUASH. Journal of Strength and Conditioning Research, 2007, 21, 909-914.	1.0	6
140	Can analysis of performance and neuromuscular recoveries from repeated sprints shed more light on its fatigue-causing mechanisms?. Frontiers in Physiology, 2015, 6, 5.	1.3	6
141	Technical Alterations during an Incremental Field Test in Elite Male Tennis Players. Medicine and Science in Sports and Exercise, 2017, 49, 1917-1926.	0.2	6
142	How does playing position affect fatigueâ€•induced changes in highâ€•intensity locomotor and microâ€•movements patterns during professional rugby union games?. European Journal of Sport Science, 2021, 21, 1364-1374.	1.4	6
143	Endocrine and Metabolic Responses to Endurance Exercise Under Hot and Hypoxic Conditions. Frontiers in Physiology, 2020, 11, 932.	1.3	6
144	Hypoxic re-exposure retains hematological but not performance adaptations post-altitude training. European Journal of Applied Physiology, 2021, 121, 1049-1059.	1.2	6

#	Article	IF	Citations
145	Intensified Training Supersedes the Impact of Heat and/or Altitude for Increasing Performance in Elite Rugby Union Players. International Journal of Sports Physiology and Performance, 2021, 16, 1416-1423.	1.1	6
146	Commentaries on Viewpoint: Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. Journal of Applied Physiology, 2017, 122, 409-411.	1.2	5
147	Sessional work-rate does not affect the magnitude to which simulated hypoxia can augment acute physiological responses during resistance exercise. European Journal of Applied Physiology, 2020, 120, 2159-2169.	1.2	5
148	Short-Term Repeated-Sprint Training in Hot and Cool Conditions Similarly Benefits Performance in Team-Sport Athletes. Frontiers in Physiology, 2020, 11, 1023.	1.3	5
149	Effects of Active and Passive Hypoxic Conditioning for 6 Weeks at Different Altitudes on Blood Lipids, Leptin, and Weight in Rats. High Altitude Medicine and Biology, 2020, 21, 243-248.	0.5	5
150	In-Season Repeated-Sprint Training in Hypoxia in International Field Hockey Players. Frontiers in Sports and Active Living, 2020, 2, 66.	0.9	5
151	Short-Term Repeated Wingate Training in Hypoxia and Normoxia in Sprinters. Frontiers in Sports and Active Living, 2020, 2, 43.	0.9	5
152	Minimal Agreement between Internal and External Training Load Metrics across a 2-wk Training Microcycle in Elite Squash. Journal of Sports Science and Medicine, 2021, 20, 101-109.	0.7	5
153	Gait asymmetries during perceptually-regulated interval running in hypoxia and normoxia. Sports Biomechanics, 2021, , 1-17.	0.8	5
154	Effects of living and working in a hot environment on cognitive function in a quiet and temperature-controlled room: An oil and gas industry study. Temperature, 2021, 8, 372-380.	1.7	5
155	Increased footwear comfort is associated with improved running economy â€“ a systematic review and metaâ€analysis. European Journal of Sport Science, 2023, 23, 121-133.	1.4	5
156	Increased air temperature during repeatedâ€sprint training in hypoxia amplifies changes in muscle oxygenation without decreasing cycling performance. European Journal of Sport Science, 2023, 23, 62-72.	1.4	5
157	Acute performance and physiological responses to upperâ€limb multiâ€set exercise to failure: Effects of external resistance and systemic hypoxia. European Journal of Sport Science, 2022, 22, 1877-1888.	1.4	5
158	Blood flow restriction during selfâ€paced aerobic intervals reduces mechanical and cardiovascular demands without modifying neuromuscular fatigue. European Journal of Sport Science, 2023, 23, 755-765.	1.4	5
159	Does Living and Working in a Hot Environment Induce Clinically Relevant Changes in Immune Function and Voluntary Force Production Capacity?. Industrial Health, 2014, 52, 235-239.	0.4	4
160	Heat stress impairs proprioception but not running mechanics. Journal of Science and Medicine in Sport, 2019, 22, 1361-1366.	0.6	4
161	Custom foot orthoses improve performance, but do not modify the biomechanical manifestation of fatigue, during repeated treadmill sprints. European Journal of Applied Physiology, 2020, 120, 2037-2045.	1.2	4
162	Acute psycho-physiological responses to perceptually regulated hypoxic and normoxic interval walks in overweight-to-obese adults. Journal of Science and Medicine in Sport, 2021, 24, 481-487.	0.6	4

#	Article	IF	Citations
163	Quantifying Training Demands of a 2-Week In-Season Squash Microcycle. International Journal of Sports Physiology and Performance, 2021, 16, 779-786.	1.1	4
164	Changes In Motoneuron Pool Excitability During Prolonged Tennis Playing. Medicine and Science in Sports and Exercise, 2007, 39, S434.	0.2	4
165	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.	1.0	4
166	The influence of rest break frequency and duration on physical performance and psychophysiological responses: a mining simulation study. European Journal of Applied Physiology, 2022, 122, 2087-2097.	1.2	4
167	Could altitude training benefit team-sport athletes?. British Journal of Sports Medicine, 2013, 47, i4-i5.	3.1	3
168	Acute Psychophysiological Responses to Cyclic Variation of Intermittent Hypoxic Exposure in Adults with Obesity. High Altitude Medicine and Biology, 2019, 20, 262-270.	0.5	3
169	Editorial: Elevating Sport Performance to New Heights With Innovative â€˜Live Low â€“ Train Highâ€™ Altitude Training. Frontiers in Sports and Active Living, 2020, 2, 108.	0.9	3
170	Constant lowâ€toâ€moderate mechanical asymmetries during a treadmill graded exercise test. European Journal of Sport Science, 2022, 22, 530-538.	1.4	3
171	No Influence of Acute Moderate Normobaric Hypoxia on Performance and Blood Lactate Concentration Responses to Repeated Wingates. International Journal of Sports Physiology and Performance, 2021, 16, 154-157.	1.1	3
172	Oxygen availability affects exercise capacity, but not neuromuscular fatigue characteristics of knee extensors, during exhaustive intermittent cycling. European Journal of Applied Physiology, 2021, 121, 95-107.	1.2	3
173	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.	0.8	3
174	Acute intense fatigue does not modify the effect of EVA and TPU custom foot orthoses on running mechanics, running economy and perceived comfort. European Journal of Applied Physiology, 2022, 122, 1179-1187.	1.2	3
175	Self-Paced Cycling at the Highest Sustainable Intensity With Blood Flow Restriction Reduces External but Not Internal Training Loads. International Journal of Sports Physiology and Performance, 2022, 17, 1272-1279.	1.1	3
176	Repeatedâ€sprint training in heat and hypoxia: Acute responses to manipulating exerciseâ€toâ€rest ratio. European Journal of Sport Science, 2023, 23, 1175-1185.	1.4	3
177	Does altitude level of a prior timeâ€trial modify subsequent exercise performance in hypoxia and associated neuromuscular responses?. Physiological Reports, 2016, 4, e12804.	0.7	2
178	Excess VO 2 during ramp exercise is positively correlated to intercostal muscles deoxyhemoglobin levels above the gas exchange threshold in young trained cyclists. Respiratory Physiology and Neurobiology, 2016, 228, 83-90.	0.7	2
179	Preferred Gait Characteristics in Young Adults in Qatar: Physiological, Perceptual, and Spatiotemporal Analysis. SAGE Open, 2020, 10, 215824402094572.	0.8	2
180	Short-Term Perceptually Regulated Interval-Walk Training in Hypoxia and Normoxia in Overweight-to-Obese Adults. Journal of Sports Science and Medicine, 2021, 20, 45-51.	0.7	2

#	Article	IF	Citations
181	Altitud y deportes de equipo: mÃ©todos tradicionales desafiados por un entrenamiento innovador y especÃfico en hipoxia.]Altitude and team sports: traditional methods challenged by innovative sport-specific training in hypoxia].. RICYDE Revista Internacional De Ciencias Del Deporte, 2016, 12, 338-358.	0.1	2
182	Is Plantar Loading Altered During Repeated Sprints on Artificial Turf in International Football Players?. Journal of Sports Science and Medicine, 2018, 17, 359-365.	0.7	2
183	Muscle Oxygenation during Repeated Cycling Sprints in a Combined Hot and Hypoxic Condition. International Journal of Sports Medicine, 2022, , .	0.8	2
184	Influence of lower limb dominance on mechanical asymmetries during high-speed treadmill running. Sports Biomechanics, 2021, , 1-12.	0.8	2
185	Lower Limb Mechanical Properties: Significant References Omitted. Sports Medicine, 2013, 43, 151-153.	3.1	1
186	Occurrence of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" overflow="scroll"><mml:mrow><mml:mover accent="true"><mml:mtext>V</mml:mtext><mml:mo>Ë™</mml:mo></mml:mover><mml:msub><mml:mtext>O</mml:mtext><mml:m component during intermittent exercises performed at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll"><mml:mrow><mml:mover accent="true"><mml:mtext>V</mml:mtext><mml:mo>Ë™</mml:m	0.2	1
187	Running velocity has no influence on lower limb mechanical asymmetry. Journal of Science and Medicine in Sport, 2018, 21, S15.	0.6	1
188	Badminton decreases more rapid than maximal muscle torque production capacity of the plantar flexors and extensors. Journal of Science and Medicine in Sport, 2018, 21, S91.	0.6	1
189	Commentaries on Viewpoint: Resistance training and exercise tolerance during high-intensity exercise: moving beyond just running economy and muscle strength. Journal of Applied Physiology, 2018, 124, 529-535.	1.2	1
190	Larger strength losses and muscle activation deficits in plantar flexors induced by backward downhill in reference to distanceâ€matched forward uphill treadmill walk. European Journal of Sport Science, 2018, 18, 1346-1356.	1.4	1
191	Badminton preferentially decreases explosive over maximal voluntary torque in both the plantar flexors and extensors. Translational Sports Medicine, 2019, 2, 39-46.	0.5	1
192	Effects of Ramadan fasting on match-related changes in skill performance in elite Muslim badminton players. Science and Sports, 2020, 35, 308.e1-308.e10.	0.2	1
193	Performance, Metabolic, and Neuromuscular Consequences of Repeated Wingates in Hypoxia and Normoxia: A Pilot Study. International Journal of Sports Physiology and Performance, 2021, 16, 1208-1212.	1.1	1
194	Effects of graded hypoxia during exhaustive intermittent cycling on subsequent exercise performance and neuromuscular responses. European Journal of Applied Physiology, 2021, 121, 3539-3549.	1.2	1
195	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, , .	0.6	1
196	Chapitre 2. Ã‰valuation et dÃ©veloppement des ressources physiologiques du joueur de tennis. , 2018, , 32-48.		1
197	High-intensity Activity in European vs. National Rugby Union Games in the best 2014â€“2015 Team. International Journal of Sports Medicine, 2021, 42, 529-536.	0.8	1
198	Does "Live High-Train Low (and High)" Hypoxic Training Alter Running Mechanics In Elite Team-sport Players?. Journal of Sports Science and Medicine, 2017, 16, 328-332.	0.7	1

#	Article	IF	Citations
199	Effects of acute intermittent hypoxia on corticospinal excitability within the primary motor cortex. European Journal of Applied Physiology, 0, , .	1.2	1
200	The AuthorsÊ¼ Response. Sports Medicine, 2012, 42, 167-168.	3.1	0
201	The AuthorsÊ¼ Response:. Sports Medicine, 2012, 42, 172-173.	3.1	0
202	Heat Stress, Hydration, and Heat Illness in Elite Tennis Players. , 2018, , 573-587.		0
203	Running mechanics and muscle activation patterns during early and late acceleration phase of repeated treadmill sprints. Journal of Science and Medicine in Sport, 2018, 21, S14.	0.6	0
204	Editorial: Hurdling the Challenges of the 2019 IAAF World Championships. Frontiers in Sports and Active Living, 2019, 1, 64.	0.9	0
205	Combining Blood Flow Restriction Training With Heat To Maximize Hypertrophy And Strength In Rugby Players. Medicine and Science in Sports and Exercise, 2020, 52, 845-845.	0.2	0
206	Detecting mechanical breakpoints during treadmillâ€based graded exercise test: Relationships to ventilatory thresholds. European Journal of Sport Science, 2022, 22, 1025-1034.	1.4	0
207	Effects of Active Preconditioning With Local and Systemic Hypoxia on Submaximal Cycling. International Journal of Sports Physiology and Performance, 2021, , 1-6.	1.1	0
208	Â¿Hacia un entrenamiento polarizado en el tenis? La utilidad de combinar las evaluaciones tÃ©cnicas y fisiolÃ³gicas durante una nueva prueba de campo incremental. Coaching & Sport Science Review, 2017, 25, 27-31.	0.3	0
209	Chapitre 11. Jouer au tennis en conditions chaudes. , 2018, , 236-249.		0
210	High altitude training - developing an international centre for Sri Lanka: evaluating for the best outcome. Sri Lankan Journal of Sports and Exercise Medicine, 2018, 1, 23.	0.5	0
211	Increased air temperature during repeated-sprint training in hypoxia amplifies muscle oxygenation flux without decreasing cycling performance. Journal of Science and Medicine in Sport, 2021, 24, S28.	0.6	0
212	Sleep health of Australian community tennis players during the COVID-19 lockdown. PeerJ, 2022, 10, e13045.	0.9	0
213	How does multiâ€set highâ€load resistance exercise impact neuromuscular function in normoxia and hypoxia?. European Journal of Sport Science, 2023, 23, 1223-1232.	1.4	0