Daniel A Boullosa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6452026/publications.pdf

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137 papers

2,464 citations

201385 27 h-index 37 g-index

138 all docs 138 docs citations

138 times ranked 2448 citing authors

#	Article	IF	CITATIONS
1	Lower fatigue and faster recovery of ultra-short race pace swimming training sessions. Research in Sports Medicine, 2023, 31, 21-34.	0.7	7
2	Extreme blood lactate rising after very short efforts in top-level track and field male sprinters. Research in Sports Medicine, 2022, 30, 566-572.	0.7	3
3	The relationship between internal and external loads as a tool to monitor physical fitness status of team sport athletes: a systematic review. Biology of Sport, 2022, 39, 629-638.	1.7	12
4	Drop jumps improve repeated sprint ability performances in professional basketball players. Biology of Sport, 2022, 39, 59-66.	1.7	12
5	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
6	Drop jumps versus sled towing and their effects on repeated sprint ability in young basketball players. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 4.	0.7	9
7	Biochemical Markers and Wellness Status During a Congested Match Play Period in Elite Soccer Players. International Journal of Sports Physiology and Performance, 2022, , 1-16.	1.1	2
8	Effects of short sprint interval training on aerobic and anaerobic indices: A systematic review and metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 810-820.	1.3	16
9	Squat and countermovement jump performance across a range of loads: a comparison between Smith machine and free weight execution modes in elite sprinters. Biology of Sport, 2022, 39, 1043-1048.	1.7	4
10	The Paradoxical Effect of Creatine Monohydrate on Muscle Damage Markers: A Systematic Review and Meta-Analysis. Sports Medicine, 2022, 52, 1623-1645.	3.1	5
11	Active vs. passive recovery during an aerobic interval training session in well-trained runners. European Journal of Applied Physiology, 2022, 122, 1281-1291.	1.2	4
12	How to Succeed as an Athlete: What We Know, What We Need to Know. International Journal of Sports Physiology and Performance, 2022, 17, 333-334.	1.1	9
13	Modelling 5-km Running Performance on Level and Hilly Terrains in Recreational Runners. Biology, 2022, 11, 789.	1.3	3
14	COVID-19 Lockdown: A Global Study Investigating the Effect of Athletes' Sport Classification and Sex on Training Practices. International Journal of Sports Physiology and Performance, 2022, 17, 1242-1256.	1.1	16
15	Predicting Recreational Runners' Marathon Performance Time During Their Training Preparation. Journal of Strength and Conditioning Research, 2021, 35, 3218-3224.	1.0	17
16	Weekly vagal modulations and their associations with physical fitness and physical activity. European Journal of Sport Science, 2021, 21, 1326-1336.	1.4	10
17	Load-velocity Profiles Change after Training Programs with Different Set Configurations. International Journal of Sports Medicine, 2021, 42, 794-802.	0.8	10
18	Post-activation performance enhancement strategies in sport: a brief review for practitioners. Human Movement, 2021, 22, 101-109.	0.5	38

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19	Response to the Comment on "A New Taxonomy for Postactivation Potentiation in Sportâ€. International Journal of Sports Physiology and Performance, 2021, 16, 164.	1.1	3
20	Relationships between Workload, Heart Rate Variability, and Performance in a Recreational Endurance Runner. Journal of Functional Morphology and Kinesiology, 2021, 6, 30.	1.1	4
21	Association between cardiorespiratory fitness and depressive symptoms in children and adolescents: A systematic review and meta-analysis. Journal of Affective Disorders, 2021, 282, 1234-1240.	2.0	11
22	Effects of Circuit Weight-Interval Training on Physical Fitness, Cardiac Autonomic Control, and Quality of Life in Sedentary Workers. International Journal of Environmental Research and Public Health, 2021, 18, 4606.	1.2	6
23	Examination of the Sprinting and Jumping Force-Velocity Profiles in Young Soccer Players at Different Maturational Stages. International Journal of Environmental Research and Public Health, 2021, 18, 4646.	1.2	10
24	Effects of jump training on physical fitness and athletic performance in endurance runners: A meta-analysis. Journal of Sports Sciences, 2021, 39, 2030-2050.	1.0	21
25	25 Years of Session Rating of Perceived Exertion: Historical Perspective and Development. International Journal of Sports Physiology and Performance, 2021, 16, 612-621.	1.1	79
26	Editorial: Acute: Chronic Workload Ratio: Is There Scientific Evidence?. Frontiers in Physiology, 2021, 12, 669687.	1.3	3
27	The Role of Veracity on the Load Monitoring of Professional Soccer Players: A Systematic Review in the Face of the Big Data Era. Applied Sciences (Switzerland), 2021, 11, 6479.	1.3	7
28	Sensitivity of the iLOAD® Application for Monitoring Changes in Barbell Velocity Following Powerand Strength-Oriented Resistance Training Programs. International Journal of Sports Physiology and Performance, 2021, 16, 1056-1060.	1.1	2
29	The Right Journal, Editor, and Referees, at the Right Time. International Journal of Sports Physiology and Performance, 2021, 16, 911-912.	1.1	0
30	Acute and Delayed Effects of Time-Matched Very Short "All Out―Efforts in Concentric vs. Eccentric Cycling. International Journal of Environmental Research and Public Health, 2021, 18, 7968.	1.2	3
31	Pacing Strategy In One-mile World Records As A Test Of The Critical Speed/D' Hypothesis. Medicine and Science in Sports and Exercise, 2021, 53, 46-46.	0.2	2
32	Eccentric Strength Assessment of Hamstring Muscles with New Technologies: a Systematic Review of Current Methods and Clinical Implications. Sports Medicine - Open, 2021, 7, 10.	1.3	19
33	10 km performance prediction by metabolic and mechanical variables: influence of performance level and post-submaximal running jump potentiation. Journal of Sports Sciences, 2021, 39, 1114-1126.	1.0	6
34	The interplay between internal and external load parameters during different strength training sessions in resistanceâ€trained men. European Journal of Sport Science, 2021, 21, 16-25.	1.4	16
35	Reliability and Validity of the iLOAD Application for Monitoring the Mean Set Velocity During the Back Squat and Bench Press Exercises Performed Against Different Loads. Journal of Strength and Conditioning Research, 2021, 35, S57-S65.	1.0	14
36	The effect of branched-chain amino acid on muscle damage markers and performance following strenuous exercise: a systematic review and meta-analysis. Applied Physiology, Nutrition and Metabolism, 2021, 46, 1303-1313.	0.9	13

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37	Correlations between jump measures and competitive performance remain stable over time in top-level sprinters. Journal of Sports Medicine and Physical Fitness, 2021, 61, 1202-1207.	0.4	3
38	Construct Validity and Reliability of a New Basketball Multidirectional Reactive Repeated Sprint Test. International Journal of Environmental Research and Public Health, 2021, 18, 10695.	1.2	4
39	Vertical Jumping as a Monitoring Tool in Endurance Runners: A Brief Review. Journal of Human Kinetics, 2021, 80, 297-308.	0.7	9
40	Pacing Profiles of Middle-Distance Running World Records in Men and Women. International Journal of Environmental Research and Public Health, 2021, 18, 12589.	1.2	5
41	The Optimum Power Load: A Simple and Powerful Tool for Testing and Training. International Journal of Sports Physiology and Performance, 2021, 17, 151-159.	1.1	5
42	Effect of Intensity on Changes in Cardiac Autonomic Control of Heart Rate and Arterial Stiffness After Equated Continuous Running Training Programs. Frontiers in Physiology, 2021, 12, 758299.	1.3	4
43	Mechanical, Metabolic, and Perceptual Acute Responses to Different Set Configurations in Full Squat. Journal of Strength and Conditioning Research, 2020, 34, 1581-1590.	1.0	35
44	Mechanical and Metabolic Responses to Traditional and Cluster Set Configurations in the Bench Press Exercise. Journal of Strength and Conditioning Research, 2020, 34, 663-670.	1.0	29
45	Beating Yourself: How Do Runners Improve Their Own Records?. International Journal of Sports Physiology and Performance, 2020, 15, 437-440.	1.1	11
46	Validity And Reliability Of A Mobile App For Measuring Bar Velocity In The Bench Press Exercise. Medicine and Science in Sports and Exercise, 2020, 52, 937-937.	0.2	0
47	Effects of a 12-Week Change-of-Direction Sprints Training Program on Selected Physical and Physiological Parameters in Professional Basketball Male Players. International Journal of Environmental Research and Public Health, 2020, 17, 8214.	1.2	20
48	Change-of-Direction Performance in Elite Soccer Players: Preliminary Analysis According to Their Playing Positions. International Journal of Environmental Research and Public Health, 2020, 17, 8360.	1.2	15
49	The Interplay Between Plasma Hormonal Concentrations, Physical Fitness, Workload and Mood State Changes to Periods of Congested Match Play in Professional Soccer Players. Frontiers in Physiology, 2020, 11, 835.	1.3	27
50	Cycling Performance Enhancement After Drop Jumps May Be Attributed to Postactivation Potentiation and Increased Anaerobic Capacity. Journal of Strength and Conditioning Research, 2020, 34, 2465-2475.	1.0	18
51	Resistance Training Acutely Impairs Agility and Spike-Specific Performance Measures in Collegiate Female Volleyball Players Returning from the Off-Season. International Journal of Environmental Research and Public Health, 2020, 17, 6448.	1.2	8
52	How to Use Global Positioning Systems (GPS) Data to Monitor Training Load in the "Real World―of Elite Soccer. Frontiers in Physiology, 2020, 11, 944.	1.3	26
53	Generalized Approach to Translating Exercise Tests and Prescribing Exercise. Journal of Functional Morphology and Kinesiology, 2020, 5, 63.	1.1	12
54	Do you Play or Do you Train? Insights From Individual Sports for Training Load and Injury Risk Management in Team Sports Based on Individualization. Frontiers in Physiology, 2020, 11, 995.	1.3	15

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55	Lower Cardiovascular Stress during Resistance Training Performed with Inter-Repetition Rests in Elderly Coronary Patients. Medicina (Lithuania), 2020, 56, 264.	0.8	7
56	Association Between the Acute to Chronic Workload Ratio and Injury Occurrence in Young Male Team Soccer Players: A Preliminary Study. Frontiers in Physiology, 2020, 11, 608.	1.3	12
57	Resistance Exercise in a Hot Environment Alters Serum Markers in Untrained Males. Frontiers in Physiology, 2020, 11, 597.	1.3	3
58	Factors Affecting Training and Physical Performance in Recreational Endurance Runners. Sports, 2020, 8, 35.	0.7	53
59	Lunge exercises with blood-flow restriction induces post-activation potentiation and improves vertical jump performance. European Journal of Applied Physiology, 2020, 120, 687-695.	1.2	24
60	Commentaries on Viewpoint: Physiology and fast marathons. Journal of Applied Physiology, 2020, 128, 1069-1085.	1.2	12
61	Nihil Novum Sub Sole. International Journal of Sports Physiology and Performance, 2020, 15, 1-2.	1.1	7
62	A New Taxonomy for Postactivation Potentiation in Sport. International Journal of Sports Physiology and Performance, 2020, 15, 1197-1200.	1.1	47
63	Heart Rate Variability is Correlated with Perceived Physical Fitness in Elite Soccer Players. Journal of Human Kinetics, 2020, 72, 141-150.	0.7	23
64	Effects of Drop Jumps on 1000-m Performance Time and Pacing in Elite Male and Female Endurance Runners. International Journal of Sports Physiology and Performance, 2020, 15, 1043-1046.	1.1	18
65	Effects of a six-week period of congested match play on plasma volume variations, hematological parameters, training workload and physical fitness in elite soccer players. PLoS ONE, 2019, 14, e0219692.	1.1	25
66	Relationships between Different Field Test Performance Measures in Elite Goalball Players. Sports, 2019, 7, 6.	0.7	16
67	Prediction of Depression Scores From Aerobic Fitness, Body Fatness, Physical Activity, and Vagal Indices in Non-exercising, Female Workers. Frontiers in Psychiatry, 2019, 10, 192.	1.3	10
68	Combined effects of very short "all out―efforts during sprint and resistance training on physical and physiological adaptations after 2 weeks of training. European Journal of Applied Physiology, 2019, 119, 1337-1351.	1.2	14
69	Potential Confounding Effects of Intensity on Training Response. Medicine and Science in Sports and Exercise, 2019, 51, 1973-1974.	0.2	4
70	The Effect Of Time Of Day On Jump Potentiation In Distance Runners. Medicine and Science in Sports and Exercise, 2019, 51, 583-584.	0.2	0
71	The influence of exercise and physical fitness status on attention: a systematic review. International Review of Sport and Exercise Psychology, 2019, 12, 202-234.	3.1	42
72	Validity of the <i>iLOAD</i> ®Âapp for resistance training monitoring. PeerJ, 2019, 7, e7372.	0.9	14

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73	Reliability Of A Vagal Modulation Index In Different Conditions. Medicine and Science in Sports and Exercise, 2019, 51, 330-330.	0.2	0
74	Prior Band-Resisted Squat Jumps Improves Running and Neuromuscular Performance in Middle-Distance Runners. Journal of Sports Science and Medicine, 2019, 18, 301-315.	0.7	3
75	Postâ€activation potentiation (PAP) in endurance sports: A review. European Journal of Sport Science, 2018, 18, 595-610.	1.4	62
76	Heart rate recovery and heart rate variability: use and relevance in European professional soccer. International Journal of Performance Analysis in Sport, 2018, 18, 168-183.	0.5	12
77	Make it easier! Evaluation of the â€~vagal-sympathetic effect' in different conditions with R–R intervals monitoring. European Journal of Applied Physiology, 2018, 118, 1287-1288.	1.2	13
78	Shorter sprints elicit greater cardiorespiratory and mechanical responses with less fatigue during time-matched sprint interval training (SIT) sessions. Kinesiology, 2018, 50, 137-148.	0.3	19
79	The validity and reliability of the " <i>My Jump App</i> ―for measuring jump height of the elderly. PeerJ, 2018, 6, e5804.	0.9	35
80	Improvements in Attention and Cardiac Autonomic Modulation After a 2-Weeks Sprint Interval Training Program: A Fidelity Approach. Frontiers in Physiology, 2018, 9, 241.	1.3	19
81	Validity of My Jump App to Measure Vertical Jump Height of the Elderly. Medicine and Science in Sports and Exercise, 2018, 50, 615.	0.2	1
82	O Futuro da Saúde / Aptidão FÃsica / Desempenho Esportivo. Fronteiras, 2018, 6, 187-211.	0.0	2
83	Heart rate recovery after aerobic and anaerobic tests: is there an influence of anaerobic speed reserve?. Journal of Sports Sciences, 2017, 35, 820-827.	1.0	18
84	Does Concurrent Training Intensity Distribution Matter?. Journal of Strength and Conditioning Research, 2017, 31, 181-195.	1.0	16
85	Methods of assessment of the post-exercise cardiac autonomic recovery: Additional important factors to be considered. International Journal of Cardiology, 2017, 239, 23.	0.8	7
86	Point:Counterpoint. Journal of Applied Physiology, 2017, 123, 692-693.	1.2	9
87	Reliability of Heart Rate Variability in Children: Influence of Sex and Body Position During Data Collection. Pediatric Exercise Science, 2017, 29, 228-236.	0.5	18
88	Acute Physiological Responses of Very Short versus Standard Sprint Interval Training (SIT) protocols. Medicine and Science in Sports and Exercise, 2017, 49, 996-997.	0.2	0
89	Acute and Chronic Effects of Endurance Running on Inflammatory Markers: A Systematic Review. Frontiers in Physiology, 2017, 8, 779.	1.3	36
90	Heart Rate and Cardiovascular Responses to Commercial Flights: Relationships with Physical Fitness. Frontiers in Physiology, 2016, 7, 648.	1.3	17

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91	Stress Markers During a Rally Car Competition. Journal of Strength and Conditioning Research, 2016, 30, 605-614.	1.0	14
92	Lowered heart rate response during competition in figure skaters with greater aerobic fitness. International Journal of Performance Analysis in Sport, 2016, 16, 581-589.	0.5	6
93	Double product break point estimates ventilatory threshold in individuals with type 2 diabetes. Journal of Physical Therapy Science, 2016, 28, 1775-1780.	0.2	2
94	Atheroprotective Properties of Serum IGF-1 in the Carotid and Coronary Territories and Beneficial Role on the Physical Fitness of the Oldest Old. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1281-1288.	1.7	8
95	Can Pacing Be Regulated by Post-Activation Potentiation? Insights from a Self-Paced 30 km Trial in Half-Marathon Runners. PLoS ONE, 2016, 11, e0150679.	1.1	15
96	Physical Fitness and Dehydration Influences on the Cardiac Autonomic Control of Fighter Pilots. Aerospace Medicine and Human Performance, 2015, 86, 875-880.	0.2	15
97	The acute effect of moderate intensity aquatic exercise on coagulation factors in haemophiliacs. Clinical Physiology and Functional Imaging, 2015, 35, 191-196.	0.5	8
98	Effect of set configuration on hemodynamics and cardiac autonomic modulation after high-intensity squat exercise. Clinical Physiology and Functional Imaging, 2015, 35, 250-257.	0.5	37
99	Correlates of Heart Rate Measures with Incidental Physical Activity and Cardiorespiratory Fitness in Overweight Female Workers. Frontiers in Physiology, 2015, 6, 405.	1.3	24
100	Psychophysiological Stress Responses during Training and Competition in Young Female Competitive Tennis Players. International Journal of Sports Medicine, 2014, 36, 22-28.	0.8	38
101	Introduction to the research topic: the role of physical fitness on cardiovascular responses to stress. Frontiers in Physiology, 2014, 5, 450.	1.3	5
102	The role of physical activity and heart rate variability for the control of work related stress. Frontiers in Physiology, 2014, 5, 67.	1.3	54
103	Verification Criteria for the Determination of V[Combining Dot Above]O2max in the Field. Journal of Strength and Conditioning Research, 2014, 28, 3544-3551.	1.0	9
104	Reliability of Heart Rate Measures during Walking before and after Running Maximal Efforts. International Journal of Sports Medicine, 2014, 35, 999-1005.	0.8	42
105	Traditional games resulted in post-exercise hypotension and a lower cardiovascular response to the cold pressor test in healthy children. Frontiers in Physiology, 2014, 5, 235.	1.3	13
106	Acute Prior Heavy Strength Exercise Bouts Improve the 20-km Cycling Time Trial Performance. Journal of Strength and Conditioning Research, 2014, 28, 2513-2520.	1.0	31
107	The Forgotten Pieces of the High-Intensity Interval Training Puzzle. Sports Medicine, 2014, 44, 1169-1170.	3.1	7
108	Dr. Boullosa's Forgotten Pieces Don't Fit the Puzzle: A Response to Dr. Buchheit and Dr. Laursen. Sports Medicine, 2014, 44, 1625-1628.	3.1	4

7

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109	Evidence of a Non-Linear Dose-Response Relationship between Training Load and Stress Markers in Elite Female Futsal Players. Journal of Sports Science and Medicine, 2014, 13, 22-9.	0.7	29
110	Repeated Acceleration Ability (RAA): A New Concept with Reference to Top-Level Field and Assistant Soccer Referees. Asian Journal of Sports Medicine, 2014, 5, 63-6.	0.1	17
111	Do Olympic Athletes Train as in the Paleolithic Era?. Sports Medicine, 2013, 43, 909-917.	3.1	34
112	Reliability of Vertical Jump Performance evaluated with contact mat in elderly women. Clinical Physiology and Functional Imaging, 2013, 33, 288-292.	0.5	16
113	Women with metabolic syndrome present different autonomic modulation and blood pressure response to an acute resistance exercise session compared with women without metabolic syndrome. Clinical Physiology and Functional Imaging, 2013, 33, 364-372.	0.5	24
114	The evolutionary significance of fatigue. Frontiers in Physiology, 2013, 4, 309.	1.3	8
115	Running Speeds at Ventilatory Threshold and Maximal Oxygen Consumption Discriminate Futsal Competitive Level. Journal of Strength and Conditioning Research, 2013, 27, 514-518.	1.0	33
116	The Acute Effect of Different Half Squat Set Configurations on Jump Potentiation. Journal of Strength and Conditioning Research, 2013, 27, 2059-2066.	1.0	43
117	Exercise Is Medicine. Medicine and Science in Sports and Exercise, 2013, 45, 1223-1228.	0.2	5
118	Cardiac Autonomic Adaptations in Elite Spanish Soccer Players During Preseason. International Journal of Sports Physiology and Performance, 2013, 8, 400-409.	1.1	76
119	Repeated Acceleration Ability (RAA): A New Concept with Reference to Top-Level Field and Assistant Soccer Referees. Asian Journal of Sports Medicine, 2013, 5, .	0.1	12
120	Relationship between Aerobic Capacity and Yo-Yo IR1 Performance in Brazilian Professional Futsal Players. Asian Journal of Sports Medicine, 2013, 4, 230-4.	0.1	16
121	Haemophilia and Exercise. International Journal of Sports Medicine, 2012, 33, 83-88.	0.8	42
122	Linear and Daily Undulating Resistance Training Periodizations Have Differential Beneficial Effects in Young Sedentary Women. International Journal of Sports Medicine, 2012, 33, 723-727.	0.8	28
123	Physical and Physiological Demands of Field and Assistant Soccer Referees During America's Cup. Journal of Strength and Conditioning Research, 2012, 26, 1383-1388.	1.0	50
124	A influ \tilde{A}^a ncia do gen \tilde{A}^3 tipo da ECA sobre a aptid \tilde{A} £o cardiovascular de jovens do sexo masculino moderadamente ativos. Arquivos Brasileiros De Cardiologia, 2012, 98, 315-320.	0.3	8
125	Autonomic correlates of Yo-Yo performance in soccer referees. Motriz Revista De Educacao Fisica, 2012, 18, 291-297.	0.3	5
126	Impact of a soccer match on the cardiac autonomic control of referees. European Journal of Applied Physiology, 2012, 112, 2233-2242.	1.2	39

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127	Effect of Equated Continuous and Interval Running Programs on Endurance Performance and Jump Capacity. Journal of Strength and Conditioning Research, 2011, 25, 2205-2211.	1.0	16
128	Effects of Gradual-Elastic Compression Stockings on Running Economy, Kinematics, and Performance in Runners. Journal of Strength and Conditioning Research, 2011, 25, 2902-2910.	1.0	48
129	The Role of Aerobic Fitness on Session Rating of Perceived Exertion in Futsal Players. International Journal of Sports Physiology and Performance, 2011, 6, 358-366.	1.1	80
130	Concurrent Fatigue and Potentiation in Endurance Athletes. International Journal of Sports Physiology and Performance, 2011, 6, 82-93.	1.1	49
131	Analysis of Factors That Influence the Maximum Number of Repetitions in Two Upper-Body Resistance Exercises: Curl Biceps and Bench Press. Journal of Strength and Conditioning Research, 2010, 24, 1566-1572.	1.0	33
132	Effectiveness of polarized training for rowing performance. International Journal of Sports Physiology and Performance, 2010, 5, 431-2; author reply 432-6.	1.1	2
133	Parasympathetic Modulation and Running Performance in Distance Runners. Journal of Strength and Conditioning Research, 2009, 23, 626-631.	1.0	19
134	Postactivation Potentiation in Distance Runners After Two Different Field Running Protocols. Journal of Strength and Conditioning Research, 2009, 23, 1560-1565.	1.0	41
135	Are cluster sets an effective method to induce muscular hypertrophy in response to resistance training?. Revista Brasileira De Ciencias Do Esporte, 0, 42, .	0.4	О
136	The Effects of Preferred Music and Its Timing on Performance, Pacing, and Psychophysiological Responses During the 6â€min Test. Journal of Human Kinetics, 0, 82, 123-133.	0.7	8
137	Post-Activation Performance Enhancement in Sprinters: Effects of Hard Versus Sand Surfaces. Journal of Human Kinetics, 0, 82, 173-180.	0.7	9