Daniel A Boullosa

List of Publications by Year
in descending order

137 papers	2,464 citations	201385 27 h-index	329751 37 g-index
138 all docs	138 docs citations	138 times ranked	2448 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Cardiac Autonomic Adaptations in Elite Spanish Soccer Players During Preseason. International Journal of Sports Physiology and Performance, 2013, 8, 400-409.	1.1	76
5	Postâ€activation potentiation (PAP) in endurance sports: A review. European Journal of Sport Science, 2018, 18, 595-610.	1.4	62
6	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
7	Factors Affecting Training and Physical Performance in Recreational Endurance Runners. Sports, 2020, 8, 35.	0.7	53
8	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
9	Concurrent Fatigue and Potentiation in Endurance Athletes. International Journal of Sports Physiology and Performance, 2011, 6, 82-93.	1.1	49
10	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
11	A New Taxonomy for Postactivation Potentiation in Sport. International Journal of Sports Physiology and Performance, 2020, 15, 1197-1200.	1.1	47
12	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
13	Haemophilia and Exercise. International Journal of Sports Medicine, 2012, 33, 83-88.	0.8	42
14	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
15	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
16	Postactivation Potentiation in Distance Runners After Two Different Field Running Protocols. Journal of Strength and Conditioning Research, 2009, 23, 1560-1565.	1.0	41
17	Impact of a soccer match on the cardiac autonomic control of referees. European Journal of Applied Physiology, 2012, 112, 2233-2242.	1.2	39
18	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

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19	Post-activation performance enhancement strategies in sport: a brief review for practitioners. Human Movement, 2021, 22, 101-109.	0.5	38
20	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
21	Acute and Chronic Effects of Endurance Running on Inflammatory Markers: A Systematic Review. Frontiers in Physiology, 2017, 8, 779.	1.3	36
22	The validity and reliability of the â€œMy Jump Appâ€•for measuring jump height of the elderly. PeerJ, 2018, 6, e5804.	0.9	35
23	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
24	Do Olympic Athletes Train as in the Paleolithic Era?. Sports Medicine, 2013, 43, 909-917.	3.1	34
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	How to Use Global Positioning Systems (GPS) Data to Monitor Training Load in the â€œReal Worldâ€•of Elite Soccer. Frontiers in Physiology, 2020, 11, 944.	1.3	26
33	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
34	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
35	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
36	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

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37	Heart Rate Variability is Correlated with Perceived Physical Fitness in Elite Soccer Players. Journal of Human Kinetics, 2020, 72, 141-150.	0.7	23
38	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
39	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
40	Parasympathetic Modulation and Running Performance in Distance Runners. Journal of Strength and Conditioning Research, 2009, 23, 626-631.	1.0	19
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Heart Rate and Cardiovascular Responses to Commercial Flights: Relationships with Physical Fitness. Frontiers in Physiology, 2016, 7, 648.	1.3	17
49	Predicting Recreational Runnersâ€™ Marathon Performance Time During Their Training Preparation. Journal of Strength and Conditioning Research, 2021, 35, 3218-3224.	1.0	17
50	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
51	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
52	Reliability of Vertical Jump Performance evaluated with contact mat in elderly women. Clinical Physiology and Functional Imaging, 2013, 33, 288-292.	0.5	16
53	Does Concurrent Training Intensity Distribution Matter?. Journal of Strength and Conditioning Research, 2017, 31, 181-195.	1.0	16
54	Relationships between Different Field Test Performance Measures in Elite Goalball Players. Sports, 2019, 7, 6.	0.7	16

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	Stress Markers During a Rally Car Competition. Journal of Strength and Conditioning Research, 2016, 30, 605-614.	1.0	14
64	Combined effects of very short â€œall outâ€•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
65	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
66	Validity of the iLOADÂ®Âapp for resistance training monitoring. PeerJ, 2019, 7, e7372.	0.9	14
67	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
68	Make it easier! Evaluation of the â€˜vagal-sympathetic effectâ€™ in different conditions with Râ€“R intervals monitoring. European Journal of Applied Physiology, 2018, 118, 1287-1288.	1.2	13
69	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
70	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
71	Generalized Approach to Translating Exercise Tests and Prescribing Exercise. Journal of Functional Morphology and Kinesiology, 2020, 5, 63.	1.1	12
72	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

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73	Commentaries on Viewpoint: Physiology and fast marathons. Journal of Applied Physiology, 2020, 128, 1069-1085.	1.2	12
74	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
75	Drop jumps improve repeated sprint ability performances in professional basketball players. Biology of Sport, 2022, 39, 59-66.	1.7	12
76	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
77	Beating Yourself: How Do Runners Improve Their Own Records?. International Journal of Sports Physiology and Performance, 2020, 15, 437-440.	1.1	11
78	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
79	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
80	Weekly vagal modulations and their associations with physical fitness and physical activity. European Journal of Sport Science, 2021, 21, 1326-1336.	1.4	10
81	Load-velocity Profiles Change after Training Programs with Different Set Configurations. International Journal of Sports Medicine, 2021, 42, 794-802.	0.8	10
82	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
83	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
84	Point:Counterpoint. Journal of Applied Physiology, 2017, 123, 692-693.	1.2	9
85	Vertical Jumping as a Monitoring Tool in Endurance Runners: A Brief Review. Journal of Human Kinetics, 2021, 80, 297-308.	0.7	9
86	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
87	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
88	Post-Activation Performance Enhancement in Sprinters: Effects of Hard Versus Sand Surfaces. Journal of Human Kinetics, 0, 82, 173-180.	0.7	9
89	A influÃªncia do genÃ³tipo da ECA sobre a aptidÃ£o cardiovascular de jovens do sexo masculino moderadamente ativos. Arquivos Brasileiros De Cardiologia, 2012, 98, 315-320.	0.3	8
90	The evolutionary significance of fatigue. Frontiers in Physiology, 2013, 4, 309.	1.3	8

#	Article	IF	Citations
91	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
92	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
93	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
94	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
95	The Forgotten Pieces of the High-Intensity Interval Training Puzzle. Sports Medicine, 2014, 44, 1169-1170.	3.1	7
96	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
97	Lower Cardiovascular Stress during Resistance Training Performed with Inter-Repetition Rests in Elderly Coronary Patients. Medicina (Lithuania), 2020, 56, 264.	0.8	7
98	Lower fatigue and faster recovery of ultra-short race pace swimming training sessions. Research in Sports Medicine, 2023, 31, 21-34.	0.7	7
99	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
100	Nihil Novum Sub Sole. International Journal of Sports Physiology and Performance, 2020, 15, 1-2.	1.1	7
101	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
102	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
103	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
104	Autonomic correlates of Yo-Yo performance in soccer referees. Motriz Revista De Educacao Fisica, 2012, 18, 291-297.	0.3	5
105	Exercise Is Medicine. Medicine and Science in Sports and Exercise, 2013, 45, 1223-1228.	0.2	5
106	Introduction to the research topic: the role of physical fitness on cardiovascular responses to stress. Frontiers in Physiology, 2014, 5, 450.	1.3	5
107	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
108	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

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109	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
110	Dr. Boullosaâ€™s Forgotten Pieces Donâ€™t Fit the Puzzle: A Response to Dr. Buchheit and Dr. Laursen. Sports Medicine, 2014, 44, 1625-1628.	3.1	4
111	Potential Confounding Effects of Intensity on Training Response. Medicine and Science in Sports and Exercise, 2019, 51, 1973-1974.	0.2	4
112	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
113	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
114	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
115	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
116	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
117	Resistance Exercise in a Hot Environment Alters Serum Markers in Untrained Males. Frontiers in Physiology, 2020, 11, 597.	1.3	3
118	Response to the Comment on â€œA New Taxonomy for Postactivation Potentiation in Sportâ€• International Journal of Sports Physiology and Performance, 2021, 16, 164.	1.1	3
119	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
120	Editorial: Acute: Chronic Workload Ratio: Is There Scientific Evidence?. Frontiers in Physiology, 2021, 12, 669687.	1.3	3
121	Acute and Delayed Effects of Time-Matched Very Short â€œAll Outâ€•Efforts in Concentric vs. Eccentric Cycling. International Journal of Environmental Research and Public Health, 2021, 18, 7968.	1.2	3
122	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
123	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
124	Modelling 5-km Running Performance on Level and Hilly Terrains in Recreational Runners. Biology, 2022, 11, 789.	1.3	3
125	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
126	Sensitivity of the iLOADÂ® Application for Monitoring Changes in Barbell Velocity Following Power- and Strength-Oriented Resistance Training Programs. International Journal of Sports Physiology and Performance, 2021, 16, 1056-1060.	1.1	2

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127	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
128	O Futuro da SaÃºde / AptidÃ£o FÃsica / Desempenho Esportivo. Fronteiras, 2018, 6, 187-211.	0.0	2
129	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
130	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
131	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
132	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
133	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
134	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
135	The Right Journal, Editor, and Referees, at the Right Time. International Journal of Sports Physiology and Performance, 2021, 16, 911-912.	1.1	0
136	Reliability Of A Vagal Modulation Index In Different Conditions. Medicine and Science in Sports and Exercise, 2019, 51, 330-330.	0.2	0
137	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	0