

Lucas A Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,460
citations

185998

28
h-index

253896

43
g-index

89
all docs

89
docs citations

89
times ranked

1650
citing authors

#	ARTICLE	IF	CITATIONS
1	Vertical and Horizontal Jump Tests Are Strongly Associated With Competitive Performance in 100-m Dash Events. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 1966-1971.	1.0	113
2	Transference effect of vertical and horizontal plyometrics on sprint performance of high-level U-20 soccer players. <i>Journal of Sports Sciences</i> , 2015, 33, 2182-2191.	1.0	95
3	Strength and Power Qualities Are Highly Associated With Punching Impact in Elite Amateur Boxers. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 109-116.	1.0	93
4	Predicting the Maximum Dynamic Strength in Bench Press: The High Precision of the Bar Velocity Approach. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1127-1131.	1.0	83
5	Determining the Optimum Power Load in Jump Squat Using the Mean Propulsive Velocity. <i>PLoS ONE</i> , 2015, 10, e0140102.	1.1	82
6	Half-squat or jump squat training under optimum power load conditions to counteract power and speed decrements in Brazilian elite soccer players during the preseason. <i>Journal of Sports Sciences</i> , 2015, 33, 1283-1292.	1.0	74
7	Relationship Between Change of Direction, Speed, and Power in Male and Female National Olympic Team Handball Athletes. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2987-2994.	1.0	73
8	Vertically and horizontally directed muscle power exercises: Relationships with top-level sprint performance. <i>PLoS ONE</i> , 2018, 13, e0201475.	1.1	72
9	Using Bar Velocity to Predict Maximum Dynamic Strength in the Half-Squat Exercise. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 697-700.	1.1	62
10	Ultra-Short-Term Heart Rate Variability is Sensitive to Training Effects in Team Sports Players. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 602-5.	0.7	62
11	Maximum acceleration performance of professional soccer players in linear sprints: Is there a direct connection with change-of-direction ability?. <i>PLoS ONE</i> , 2019, 14, e0216806.	1.1	55
12	Improving Sprint Performance in Soccer: Effectiveness of Jump Squat and Olympic Push Press Exercises. <i>PLoS ONE</i> , 2016, 11, e0153958.	1.1	52
13	Mixed Training Methods: Effects of Combining Resisted Sprints or Plyometrics with Optimum Power Loads on Sprint and Agility Performance in Professional Soccer Players. <i>Frontiers in Physiology</i> , 2017, 8, 1034.	1.3	52
14	Change-of direction deficit in elite young soccer players. <i>German Journal of Exercise and Sport Research</i> , 2018, 48, 228-234.	1.0	52
15	Monitoring weekly heart rate variability in futsal players during the preseason: the importance of maintaining high vagal activity. <i>Journal of Sports Sciences</i> , 2016, 34, 2262-2268.	1.0	46
16	Assessing Shortened Field-Based Heart-Rate-Variability-Data Acquisition in Team-Sport Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 154-158.	1.1	46
17	Predictive Factors of Elite Sprint Performance: Influences of Muscle Mechanical Properties and Functional Parameters. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 974-986.	1.0	46
18	Sensitivity of the Yo-Yo Intermittent Recovery Test and Cardiac Autonomic Responses to Training in Futsal Players. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 553-558.	1.1	44

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19	Intraday and Interday Reliability of Ultra-Short-Term Heart Rate Variability in Rugby Union Players. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 548-551.	1.0	40
20	Validity and Usability of a New System for Measuring and Monitoring Variations in Vertical Jump Performance. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2579-2585.	1.0	40
21	Training for Power and Speed. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2771-2779.	1.0	39
22	Bar velocities capable of optimising the muscle power in strength-power exercises. <i>Journal of Sports Sciences</i> , 2017, 35, 734-741.	1.0	39
23	Heart Rate Variability Discriminates Competitive Levels in Professional Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1719-1725.	1.0	39
24	Functional Screening Tests: Interrelationships and Ability to Predict Vertical Jump Performance. <i>International Journal of Sports Medicine</i> , 2018, 39, 189-197.	0.8	39
25	Change-of-direction, speed and jump performance in soccer players: a comparison across different age-categories. <i>Journal of Sports Sciences</i> , 2020, 38, 1279-1285.	1.0	37
26	Influence of Strength and Power Capacity on Change of Direction Speed and Deficit in Elite Team-Sport Athletes. <i>Journal of Human Kinetics</i> , 2019, 68, 167-176.	0.7	36
27	Activity Profiles in U17, U20, and Senior Women's Brazilian National Soccer Teams During International Competitions: Are There Meaningful Differences?. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3414-3422.	1.0	33
28	Effects of Plyometric Training and Beta-Alanine Supplementation on Maximal-Intensity Exercise and Endurance in Female Soccer Players. <i>Journal of Human Kinetics</i> , 2017, 58, 99-109.	0.7	32
29	Change of Direction Deficit in National Team Rugby Union Players: Is There an Influence of Playing Position?. <i>Sports</i> , 2019, 7, 2.	0.7	32
30	Movement Patterns of a U-20 National Women's Soccer Team during Competitive Matches: Influence of Playing Position and Performance in the First Half. <i>International Journal of Sports Medicine</i> , 2017, 38, 747-754.	0.8	31
31	Jump-Squat and Half-Squat Exercises: Selective Influences on Speed-Power Performance of Elite Rugby Sevens Players. <i>PLoS ONE</i> , 2017, 12, e0170627.	1.1	30
32	Effects of Plyometric Training on Physical Performance of Young Male Soccer Players: Potential Effects of Different Drop Jump Heights. <i>Pediatric Exercise Science</i> , 2019, 31, 306-313.	0.5	29
33	Faster Futsal Players Perceive Higher Training Loads and Present Greater Decreases in Sprinting Speed During the Preseason. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1553-1562.	1.0	28
34	Repeated-Sprint Sequences During Female Soccer Matches Using Fixed and Individual Speed Thresholds. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1802-1810.	1.0	27
35	Performance changes and relationship between vertical jump measures and actual sprint performance in elite sprinters with visual impairment throughout a Parapan American games training season. <i>Frontiers in Physiology</i> , 2015, 6, 323.	1.3	26
36	Force-Velocity Relationship in Three Different Variations of Prone Row Exercises. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 300-309.	1.0	26

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37	One-Repetition-Maximum Measures or Maximum Bar-Power Output: Which Is More Related to Sport Performance?. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 33-37.	1.1	25
38	Load-velocity Relationship in National Paralympic Powerlifters: A Case Study. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 531-535.	1.1	25
39	Vertical Force Production in Soccer: Mechanical Aspects and Applied Training Strategies. <i>Strength and Conditioning Journal</i> , 2020, 42, 6-15.	0.7	25
40	Muscle Contraction Velocity: A Suitable Approach to Analyze the Functional Adaptations in Elite Soccer Players. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 483-491.	0.7	25
41	Differences in physical performance between U-20 and senior top-level Brazilian futsal players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 1289-1297.	0.4	25
42	Effects of Unloaded vs. Loaded Plyometrics on Speed and Power Performance of Elite Young Soccer Players. <i>Frontiers in Physiology</i> , 2017, 8, 742.	1.3	23
43	Curve sprinting in soccer: relationship with linear sprints and vertical jump performance. <i>Biology of Sport</i> , 2020, 37, 277-283.	1.7	22
44	Adequacy of the Ultra-Short-Term HRV to Assess Adaptive Processes in Youth Female Basketball Players. <i>Journal of Human Kinetics</i> , 2017, 56, 73-80.	0.7	21
45	Selective Influences of Maximum Dynamic Strength and Bar-Power Output on Team Sports Performance: A Comprehensive Study of Four Different Disciplines. <i>Frontiers in Physiology</i> , 2018, 9, 1820.	1.3	21
46	Transference Effect of Short-Term Optimum Power Load Training on the Punching Impact of Elite Boxers. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2373-2378.	1.0	20
47	Strength-Power Performance of Visually Impaired Paralympic and Olympic Judo Athletes From the Brazilian National Team: A Comparative Study. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 743-749.	1.0	19
48	Perceived training load and jumping responses following nine weeks of a competitive period in young female basketball players. <i>PeerJ</i> , 2018, 6, e5225.	0.9	19
49	Differences in Change of Direction Speed and Deficit Between Male and Female National Rugby Sevens Players. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 3170-3176.	1.0	19
50	Physical Performance of Brazilian Rugby Players From Different Age Categories and Competitive Levels. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2433-2439.	1.0	17
51	Heart rate variability in elite sprinters: effects of gender and body position. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 442-447.	0.5	17
52	Acceleration and Speed Performance of Brazilian Elite Soccer Players of Different Age-Categories. <i>Journal of Human Kinetics</i> , 2018, 64, 205-218.	0.7	17
53	Power output in traditional and ballistic bench press in elite athletes: Influence of training background. <i>Journal of Sports Sciences</i> , 2019, 37, 277-284.	1.0	17
54	Change of Direction Performance in Elite Players From Different Team Sports. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 862-866.	1.0	17

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55	Is Tensiomyography-Derived Velocity of Contraction a Sensitive Marker to Detect Acute Performance Changes in Elite Team-Sport Athletes?. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 31-37.	1.1	16
56	Fourier and wavelet spectral analysis of EMG signals in maximal constant load dynamic exercise. , 2010, 2010, 4622-5.		15
57	Optimum Power Loads for Elite Boxers: Case Study with the Brazilian National Olympic Team. <i>Sports</i> , 2018, 6, 95.	0.7	14
58	Performance Changes of Elite Paralympic Judo Athletes During a Paralympic Games Cycle: A Case Study with the Brazilian National Team. <i>Journal of Human Kinetics</i> , 2017, 60, 217-224.	0.7	13
59	Loaded and unloaded jump performance of top-level volleyball players from different age categories. <i>Biology of Sport</i> , 2017, 3, 273-278.	1.7	13
60	Differences in Speed and Power Capacities Between Female National College Team and National Olympic Team Handball Athletes. <i>Journal of Human Kinetics</i> , 2018, 63, 85-94.	0.7	13
61	Relationship Between Resting Heart Rate Variability and Intermittent Endurance Performance in Novice Soccer Players. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 355-361.	0.8	12
62	Change-of-Direction Ability, Linear Sprint Speed, and Sprint Momentum in Elite Female Athletes: Differences Between Three Different Team Sports. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 262-267.	1.0	12
63	Power and Speed Differences Between Brazilian Paralympic Sprinters With Visual Impairment and Their Guides. <i>Adapted Physical Activity Quarterly</i> , 2016, 33, 311-323.	0.6	11
64	Cardiac Autonomic and Neuromuscular Responses During a Karate Training Camp Before the 2015 Pan American Games: A Case Study With the Brazilian National Team. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 833-837.	1.1	11
65	Physical and physiological traits of a double world karate champion and responses to a simulated kumite bout: A case study. <i>International Journal of Sports Science and Coaching</i> , 2017, 12, 138-147.	0.7	11
66	Physical and physiological differences of backs and forwards from the Brazilian National rugby union team. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 1549-1556.	0.4	11
67	Short-Term Detraining Does Not Impair Strength, Speed, and Power Performance in Elite Young Soccer Players. <i>Sports</i> , 2020, 8, 141.	0.7	11
68	Portable Force Plates: A Viable and Practical Alternative to Rapidly and Accurately Monitor Elite Sprint Performance. <i>Sports</i> , 2018, 6, 61.	0.7	10
69	Post-Activation Potentiation: Is there an Optimal Training Volume and Intensity to Induce Improvements in Vertical Jump Ability in Highly-Trained Subjects?. <i>Journal of Human Kinetics</i> , 2019, 66, 195-203.	0.7	10
70	Change of Direction Performance in Young Tennis Players: A Comparative Study Between Sexes and Age Categories. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1426-1430.	1.0	10
71	Mechanical Differences between Barbell and Body Optimum Power Loads in the Jump Squat Exercise. <i>Journal of Human Kinetics</i> , 2016, 54, 153-162.	0.7	9
72	Movement Patterns and Muscle Damage During Simulated Rugby Sevens Matches in National Team Players. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 3456-3465.	1.0	9

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73	Effects of Plyometric Training on Neuromuscular Performance in Youth Basketball Players: A Pilot Study on the Influence of Drill Randomization. <i>Journal of Sports Science and Medicine</i> , 2018, 17, 372-378.	0.7	9
74	Effects of compression clothing on speedâ€“power performance of elite Paralympic sprinters: a pilot study. <i>SpringerPlus</i> , 2016, 5, 1047.	1.2	8
75	Relationships between Resisted Sprint Performance and Different Strength and Power Measures in Rugby Players. <i>Sports</i> , 2020, 8, 34.	0.7	8
76	Age differences in selected measures of physical fitness in young handball players. <i>PLoS ONE</i> , 2020, 15, e0242385.	1.1	7
77	Short-Term Cardiac Autonomic Recovery after a Repeated Sprint Test in Young Soccer Players. <i>Sports</i> , 2019, 7, 102.	0.7	6
78	Curve Sprint in Elite Female Soccer Players: Relationship with Linear Sprint and Jump Performance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2306.	1.2	6
79	Peak versus mean propulsive power outputs: which is more closely related to jump squat performance?. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 1432-1444.	0.4	5
80	Multidirectional sprints in soccer: are there connections between linear, curved, and change-of-direction speed performances?. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 212-217.	0.4	5
81	The impact of detraining on cardiac autonomic function and specific endurance and muscle power performances of high-level endurance runners. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 1583-1591.	0.4	5
82	Effects of detraining on neuromuscular performance in a selected group of elite women pole-vaulters: a case study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 490 - 495.	0.4	3
83	Variations in the Physical Performance of Olympic Boxers over a Four-Day National Qualifying Tournament. <i>Sports</i> , 2021, 9, 62.	0.7	3
84	Differences in physical performance between Olympic and non-Olympic female rugby sevens players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1091-1097.	0.4	2
85	Differences in fitness characteristics between Brazilian World Championship and South-American Championship National basketball teams. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 1428-1429.	0.4	2
86	Relationship Between Distinct Physical Capacities in Young Welsh Rugby Players. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 441-447.	1.0	1
87	Predicting change-of-direction performance in elite young badminton players: A multiple regression analysis on acceleration- and deceleration-related qualities. <i>International Journal of Sports Science and Coaching</i> , 0, , 174795412110688.	0.7	0
88	Differences in physical characteristics between Brazilian World Championship and South American Championship National basketball teams. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, , .	0.4	0
89	Influence of Physical and Technical Aspects on Change of Direction Performance of Rugby Players: An Exploratory Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13390.	1.2	0