

# The Landing Error Scoring System (LESS) Is a Valid and Jump-Landing Biomechanics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Drop-Jump Video Screening Test: Retention of Improvement in Neuromuscular Control in Female Volleyball Players. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 3055-3062.	1.0	39
2	COMMENTARY: Time for a Paradigm Shift in Conceptualizing Risk Factors in Sports Injury Research. <i>Journal of Athletic Training</i> , 2010, 45, 58-60.	0.9	36
3	New developments in osteoarthritis. Prevention of injury-related knee osteoarthritis: opportunities for the primary and secondary prevention of knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, 215.	1.6	33
4	Pivot task increases knee frontal plane loading compared with sidestep and drop-jump. <i>Journal of Sports Sciences</i> , 2011, 29, 83-92.	1.0	51
5	Physical Education Curriculum Priorities: "Safe" Exercise is Medicine. <i>Quest</i> , 2011, 63, 66-72.	0.8	0
6	Kinetic protocol in torn anterior cruciate ligament. <i>Revista Espa�ola De Cirug�a Ortop�dica Y Traumatolog�a</i> , 2011, 55, 9-18.	0.1	0
7	Biomechanical Evaluation of the Athlete's Knee: From Basic Science to Clinical Application. <i>PM and R</i> , 2011, 3, 365-371.	0.9	14
8	Small Medial Meniscocapsular Separations: A Potential Cause of Chronic Medial-Side Knee Pain. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 1536-1542.	1.3	30
9	Protocolo cin�tico en la rotura del ligamento cruzado anterior. <i>Revista Espa�ola De Cirug�a Ortop�dica Y Traumatolog�a</i> , 2011, 55, 9-18.	0.1	4
11	A Training Program to Improve Neuromuscular Indices in Female High School Volleyball Players. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2151-2160.	1.0	51
12	Rationale and Implementation of Anterior Cruciate Ligament Injury Prevention Warm-Up Programs in Female Athletes. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 271-285.	1.0	61
13	Reliability of the Landing Error Scoring System-Real Time, a Clinical Assessment Tool of Jump-Landing Biomechanics. <i>Journal of Sport Rehabilitation</i> , 2011, 20, 145-156.	0.4	100
14	Finding Context: A New Model for Interpreting Clinical Evidence. <i>International Journal of Athletic Therapy and Training</i> , 2011, 16, 10-13.	0.1	16
15	Knee Separation Distance and Lower Extremity Kinematics During a Drop Land: Implications for Clinical Screening. <i>Journal of Athletic Training</i> , 2011, 46, 471-475.	0.9	21
16	What is the true evidence for gender-related differences during plant and cut maneuvers? A systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 42-54.	2.3	39
18	Appendix for Chapter 22: Functional Movement Assessment. , 2012, , e90-e95.		0
19	Back to the Drawing Board. <i>American Journal of Sports Medicine</i> , 2012, 40, 509-511.	1.9	0
20	Application of a Clinic-Based Algorithm as a Tool to Identify Female Athletes at Risk for Anterior Cruciate Ligament Injury. <i>American Journal of Sports Medicine</i> , 2012, 40, 1978-1984.	1.9	46

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21	Neuromuscular Characteristics of Individuals Displaying Excessive Medial Knee Displacement. <i>Journal of Athletic Training</i> , 2012, 47, 525-536.	0.9	66
22	ACL Research Retreat VI: An Update on ACL Injury Risk and Prevention. <i>Journal of Athletic Training</i> , 2012, 47, 591-603.	0.9	65
23	Retention of Movement Pattern Changes After a Lower Extremity Injury Prevention Program Is Affected by Program Duration. <i>American Journal of Sports Medicine</i> , 2012, 40, 300-306.	1.9	75
24	A Prospective Evaluation of the Landing Error Scoring System (LESS) as a Screening Tool for Anterior Cruciate Ligament Injury Risk. <i>American Journal of Sports Medicine</i> , 2012, 40, 521-526.	1.9	163
25	Evaluation of the effectiveness of neuromuscular training to reduce anterior cruciate ligament injury in female athletes: a critical review of relative risk reduction and numbers-needed-to-treat analyses. <i>British Journal of Sports Medicine</i> , 2012, 46, 979-988.	3.1	144
26	Suggestions From the Field for Return to Sports Participation Following Anterior Cruciate Ligament Reconstruction: Soccer. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 304-312.	1.7	77
27	Functional Movement Assessment. , 2012, , 482-502.		0
28	Relationship Between Reactive Strength Variables in Horizontal and Vertical Drop Jumps. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1407-1412.	1.0	25
29	A Training Program to Improve Neuromuscular and Performance Indices in Female High School Basketball Players. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 709-719.	1.0	73
30	Using the Functional Movement Screen,† to Evaluate the Effectiveness of Training. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1620-1630.	1.0	102
31	Two Different Fatigue Protocols and Lower Extremity Motion Patterns During a Stop-Jump Task. <i>Journal of Athletic Training</i> , 2012, 47, 32-41.	0.9	49
32	Risk Factors for Anterior Cruciate Ligament Injury. <i>Sports Health</i> , 2012, 4, 69-78.	1.3	210
33	Baseball pitching kinematics, joint loads, and injury prevention. <i>Journal of Sport and Health Science</i> , 2012, 1, 80-91.	3.3	37
34	Suggestions From the Field for Return to Sports Participation Following Anterior Cruciate Ligament Reconstruction: Basketball. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 326-336.	1.7	29
35	No Increased Occurrence of Osteoarthritis After Anterior Cruciate Ligament Reconstruction After Isolated Anterior Cruciate Ligament Injury in Athletes. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012, 28, 517-525.	1.3	55
36	Letter to the editor regarding “Effect of low pass filtering on joint moments from inverse dynamics: implications for injury prevention”†. <i>Journal of Biomechanics</i> , 2012, 45, 2058-2059.	0.9	6
37	Static and dynamic postural control in competitive athletes after anterior cruciate ligament reconstruction and controls. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1603-1610.	2.3	46
38	An examination, correlation, and comparison of static and dynamic measures of postural stability in healthy, physically active adults. <i>Physical Therapy in Sport</i> , 2012, 13, 80-86.	0.8	125

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39	Intra and inter-tester reliability of the tuck jump assessment. <i>Physical Therapy in Sport</i> , 2013, 14, 152-155.	0.8	72
40	Task based rehabilitation protocol for elite athletes following Anterior Cruciate ligament reconstruction: a clinical commentary. <i>Physical Therapy in Sport</i> , 2013, 14, 188-198.	0.8	75
41	Comparison of Drop Jumps and Sport-Specific Sidestep Cutting. <i>American Journal of Sports Medicine</i> , 2013, 41, 684-688.	1.9	122
42	PrÄvention von Verletzungen â€“ Review zu Strategien und Evidenz. <i>Sports Orthopaedics and Traumatology</i> , 2013, 29, 13-21.	0.1	1
43	The Effects of Three Jump Landing Tasks on Kinetic and Kinematic Measures: Implications for ACL Injury Research. <i>Research in Sports Medicine</i> , 2013, 21, 330-342.	0.7	33
44	Hypohydration and Hyperthermia Impair Neuromuscular Control after Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1166-1173.	0.2	27
45	Hamstrings Stiffness and Landing Biomechanics Linked to Anterior Cruciate Ligament Loading. <i>Journal of Athletic Training</i> , 2013, , .	0.9	3
46	Various Methods for Assessing Static Lower Extremity Alignment: Implications for Prospective Risk-Factor Screenings. <i>Journal of Athletic Training</i> , 2013, 48, 248-257.	0.9	14
47	Instruction and Jump-Landing Kinematics in College-Aged Female Athletes Over Time. <i>Journal of Athletic Training</i> , 2013, 48, 161-171.	0.9	37
48	Hamstrings Stiffness and Landing Biomechanics Linked to Anterior Cruciate Ligament Loading. <i>Journal of Athletic Training</i> , 2013, 48, 764-772.	0.9	41
49	Injury Prevention for Ski-Area Employees: A Physiological Assessment of Lift Operators, Instructors, and Patrollers. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	5
50	A Lower Limb Assessment Tool for Athletes at Risk of Developing Patellar Tendinopathy. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 527-533.	0.2	37
51	Test-Retest and Interrater Reliability of the Functional Movement Screen. <i>Journal of Athletic Training</i> , 2013, 48, 331-336.	0.9	92
52	Clinic-Based Algorithm to Identify Female Athletes at Risk for Anterior Cruciate Ligament Injury: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2013, 41, NP1-NP6.	1.9	6
53	The relationship between general measures of fitness, passive range of motion and whole-body movement quality. <i>Ergonomics</i> , 2013, 56, 637-649.	1.1	22
54	Clinical Assessment of Drop-Jump Landing for Determination of Risk for Knee Injury. <i>International Journal of Athletic Therapy and Training</i> , 2013, 18, 10-13.	0.1	13
55	Relationship Between Gluteal Muscle Strength, Corticospinal Excitability, and Jump-Landing Biomechanics in Healthy Women. <i>Journal of Sport Rehabilitation</i> , 2013, 22, 239-247.	0.4	13
56	Comparison of Integrated and Isolated Training on Performance Measures and Neuromuscular Control. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1083-1090.	1.0	44

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57	The Effects of Lower Extremity Muscle Activation and Passive Range of Motion on Single Leg Squat Performance. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1813-1823.	1.0	87
58	Interrater and Intrarater Reliability of the Tuck Jump Assessment by Health Professionals of Varied Educational Backgrounds. <i>Hindawi Publishing Corporation</i> , 2013, 2013, 1-5.	2.3	20
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60	Squatting Mechanics in People With and Without Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2014, 42, 2979-2987.	1.9	21
62	Altered Knee and Ankle Kinematics During Squatting in Those With Limited Weight-Bearing—Lunge Ankle-Dorsiflexion Range of Motion. <i>Journal of Athletic Training</i> , 2014, 49, 723-732.	0.9	106
63	Classification of Lower Extremity Movement Patterns Based on Visual Assessment: Reliability and Correlation With 2-Dimensional Video Analysis. <i>Journal of Athletic Training</i> , 2014, 49, 304-310.	0.9	56
64	Jump-Landing Mechanics After Anterior Cruciate Ligament Reconstruction: A Landing Error Scoring System Study. <i>Journal of Athletic Training</i> , 2014, 49, 435-441.	0.9	48
65	Consortium for Health and Military Performance and American College of Sports Medicine Summit. <i>Current Sports Medicine Reports</i> , 2014, 13, 52-63.	0.5	52
66	A Needs Analysis and Field-Based Testing Battery for Basketball. <i>Strength and Conditioning Journal</i> , 2014, 36, 13-20.	0.7	19
67	The Impact of Sex and Knee Injury History on Jump-Landing Patterns in Collegiate Athletes. <i>Clinical Journal of Sport Medicine</i> , 2014, 24, 373-379.	0.9	13
68	Is There a Relationship Between Landing, Cutting, and Pivoting Tasks in Terms of the Characteristics of Dynamic Valgus?. <i>American Journal of Sports Medicine</i> , 2014, 42, 2095-2102.	1.9	43
69	Prevention and Screening Programs for Anterior Cruciate Ligament Injuries in Young Athletes. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 705-711.	1.4	101
70	Physiotherapists Can Identify Female Football Players With High Knee Valgus Angles During Vertical Drop Jumps Using Real-Time Observational Screening. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 358-365.	1.7	62
71	The effect of videotape augmented feedback on drop jump landing strategy: Implications for anterior cruciate ligament and patellofemoral joint injury prevention. <i>Knee</i> , 2014, 21, 891-895.	0.8	45
72	Kinematic Differences Between Those With and Without Medial Knee Displacement During a Single-leg Squat. <i>Journal of Applied Biomechanics</i> , 2014, 30, 707-712.	0.3	31
73	Jump-Landing Differences Between Varsity, Club, and Intramural Athletes. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 1164-1171.	1.0	17
74	Landing Technique and Performance in Youth Athletes After a Single Injury-Prevention Program Session. <i>Journal of Athletic Training</i> , 2015, 50, 1149-1157.	0.9	25
75	ACL Injury Risk in the Physically Active: Why are Females More Susceptible?. <i>Kinesiology Review</i> , 2015, 4, 52-62.	0.4	3

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77	Reliability of Clinician Scoring of the Landing Error Scoring System to Assess Jump-Landing Movement Patterns. <i>Journal of Sport Rehabilitation</i> , 2015, 24, 214-218.	0.4	8
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79	Sex Differences During an Overhead Squat Assessment. <i>Journal of Applied Biomechanics</i> , 2015, 31, 244-249.	0.3	22
80	Injury Risk Factors in Male Youth Soccer Players. <i>Strength and Conditioning Journal</i> , 2015, 37, 1-7.	0.7	24
81	Multicenter trial of motion analysis for injury risk prediction: lessons learned from prospective longitudinal large cohort combined biomechanical - epidemiological studies. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 398-409.	1.1	9
82	Acute and chronic menisco-capsular separation in the young athlete: diagnosis, treatment and results in thirty seven consecutive patients. <i>International Orthopaedics</i> , 2015, 39, 967-974.	0.9	22
83	Low back pain incidence in New Zealand rowers and its relationship with functional movement patterns. <i>Physiotherapy</i> , 2015, 101, e1268-e1269.	0.2	1
84	Drop-Landing Performance and Knee-Extension Strength After Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2015, 50, 596-602.	0.9	31
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86	The reliability and validity of visual rating of dynamic alignment during lower extremity functional screening tests: a review of the literature. <i>Physical Therapy Reviews</i> , 2015, 20, 210-224.	0.3	13
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93	Landing Error Scoring System Differences Between Single-Sport and Multi-Sport Female High Schoolâ€œAged Athletes. <i>Journal of Athletic Training</i> , 2015, 50, 806-811.	0.9	29

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94	Prevention of Anterior Cruciate Ligament (ACL) Injury. , 2015, , 163-186.		0
95	A Review of the Risk Factors for Lower Extremity Overuse Injuries in Young Elite Female Ballet Dancers. Journal of Dance Medicine and Science, 2015, 19, 51-56.	0.2	44
96	ACL Research Retreat VII: An Update on Anterior Cruciate Ligament Injury Risk Factor Identification, Screening, and Prevention. Journal of Athletic Training, 2015, 50, 1076-1093.	0.9	73
97	Lower Extremity Landing Biomechanics in Both Sexes After a Functional Exercise Protocol. Journal of Athletic Training, 2015, 50, 914-920.	0.9	18
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105	The Effect of Exertion and Sex on Vertical Ground Reaction Force Variables and Landing Mechanics. Journal of Strength and Conditioning Research, 2016, 30, 1661-1669.	1.0	8
106	Reliability of the Tuck Jump Injury Risk Screening Assessment in Elite Male Youth Soccer Players. Journal of Strength and Conditioning Research, 2016, 30, 1510-1516.	1.0	50
107	A parameterized family of anatomically accurate human upper-body musculoskeletal models for dynamic simulation & control. , 2016, , .		5
108	Improving physical performance tests: time to include a psychologist. British Journal of Sports Medicine, 2016, 50, 1290-1291.	3.1	2
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112	Agreement of an Evaluation of the Forward-Step-Down Test by a Broad Cohort of Clinicians With That of an Expert Panel. Journal of Sport Rehabilitation, 2016, 25, 227-232.	0.4	15
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115	Sustained Improvements in Dynamic Balance and Landing Mechanics After a 6-Week Neuromuscular Training Program in College Women's Basketball Players. <i>Journal of Sport Rehabilitation</i> , 2016, 25, 233-240.	0.4	19
116	The effect of foot landing position on biomechanical risk factors associated with anterior cruciate ligament injury. <i>Journal of Experimental Orthopaedics</i> , 2016, 3, 13.	0.8	36
117	The Interrelationship of Common Clinical Movement Screens: Establishing Population-Specific Norms in a Large Cohort of Military Applicants. <i>Journal of Athletic Training</i> , 2016, 51, 897-904.	0.9	15
118	Unique Issues in the Rehabilitation of the Pediatric and Adolescent Athlete After Musculoskeletal Injury. <i>Sports Medicine and Arthroscopy Review</i> , 2016, 24, 178-183.	1.0	3
119	Reliability of a Qualitative Video Analysis for Running. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 556-561.	1.7	68
120	Consistency of Field-Based Measures of Neuromuscular Control Using Force-Plate Diagnostics in Elite Male Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 3304-3311.	1.0	19
121	The Effects of an Injury Prevention Program on Landing Biomechanics Over Time. <i>American Journal of Sports Medicine</i> , 2016, 44, 767-776.	1.9	43
122	Enhanced retention of drop vertical jump landing technique: A randomized controlled trial. <i>Human Movement Science</i> , 2016, 45, 84-95.	0.6	75
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127	Neuromuscular Risk Factors for Knee and Ankle Ligament Injuries in Male Youth Soccer Players. <i>Sports Medicine</i> , 2016, 46, 1059-1066.	3.1	95
128	Evidenz des Functional Movement Screen im Leistungssport – Ein strukturierter Review mit eigenen Daten. <i>Sports Orthopaedics and Traumatology</i> , 2016, 32, 4-13.	0.1	3
129	Reliability and Association with Injury of Movement Screens: A Critical Review. <i>Sports Medicine</i> , 2016, 46, 763-781.	3.1	72
130	Analyses of Landing Mechanics in Division I Athletes Using the Landing Error Scoring System. <i>Sports Health</i> , 2016, 8, 182-186.	1.3	8
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132	Risk of Lower Extremity Injury in a Military Cadet Population After a Supervised Injury-Prevention Program. <i>Journal of Athletic Training</i> , 2016, 51, 905-918.	0.9	17
133	Successful Injury Prevention Interventions. , 2016, , 267-286.		0
134	Musculoskeletal Injuries in the Military. , 2016, , .		5
135	Functional performance 2-9 years after ACL reconstruction: cross-sectional comparison between athletes with bone-patellar tendon-bone, semitendinosus/gracilis and healthy controls. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1412-1423.	2.3	18
136	Landing mechanics during single hop for distance in females following anterior cruciate ligament reconstruction compared to healthy controls. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1395-1402.	2.3	32
137	The effect of overhead target on the lower limb biomechanics during a vertical drop jump test in elite female athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 161-166.	1.3	27
138	Efficacy of ACL injury risk screening methods in identifying high-risk landing patterns during a sport-specific task. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 525-534.	1.3	28
139	Optimization of the Return-to-Sport Paradigm After Anterior Cruciate Ligament Reconstruction: A Critical Step Back to Move Forward. <i>Sports Medicine</i> , 2017, 47, 1487-1500.	3.1	187
140	Preventive Biomechanics: A Paradigm Shift With a Translational Approach to Injury Prevention. <i>American Journal of Sports Medicine</i> , 2017, 45, 2654-2664.	1.9	67
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142	Whole Body Coordination and Knee Movement Control During Five Rehabilitation Exercises. <i>Journal of Motor Behavior</i> , 2017, 49, 640-649.	0.5	0
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144	Measurement properties of visual rating of postural orientation errors of the lower extremity - A systematic review and meta-analysis. <i>Physical Therapy in Sport</i> , 2017, 27, 52-64.	0.8	8
145	Multicomponent Musculoskeletal Movement Assessment Tools: A Systematic Review and Critical Appraisal of Their Development and Applicability to Professional Practice. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2903-2919.	1.0	28
146	Prophylactic Bracing Has No Effect on Lower Extremity Alignment or Functional Performance. <i>International Journal of Sports Medicine</i> , 2017, 38, 637-643.	0.8	4
147	The Ability of the Landing Error Scoring System to Detect Changes in Landing Mechanics: A Critically Appraised Topic. <i>International Journal of Athletic Therapy and Training</i> , 2017, 22, 12-20.	0.1	3
148	Examining the Relationship Between the Functional Movement Screen and the Landing Error Scoring System in an Active, Male Collegiate Population. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1265-1272.	1.0	7
149	The Effect of Strength Training on the Jump-Landing Biomechanics of Young Female Athletes. <i>Clinical Journal of Sport Medicine</i> , 2017, 27, 127-132.	0.9	5

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150	Relationship between ankle frontal plane kinematics during different functional tasks. <i>Gait and Posture</i> , 2017, 54, 214-220.	0.6	11
151	Effects of training load and movement quality on changes in muscle and articular cartilage structure following intensive training in elite volleyball athletes. <i>Physical Therapy in Sport</i> , 2017, 28, e6-e7.	0.8	0
153	Video Feedback and 2-Dimensional Landing Kinematics in Elite Female Handball Players. <i>Journal of Athletic Training</i> , 2017, 52, 993-1001.	0.9	11
154	A Systems-Based Approach to Injury Prevention for the Strength and Conditioning Coach. <i>Strength and Conditioning Journal</i> , 2017, 39, 60-69.	0.7	1
155	Automated Quantification of the Landing Error Scoring System With a Markerless Motion-Capture System. <i>Journal of Athletic Training</i> , 2017, 52, 1002-1009.	0.9	38
156	Biomechanical Differences of Multidirectional Jump Landings Among Female Basketball and Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 3034-3045.	1.0	22
157	Reliability of unipodal and bipodal counter movement jump landings in a recreational male population. <i>European Journal of Sport Science</i> , 2017, 17, 1143-1152.	1.4	4
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