Darin A Padua

List of Publications by Year
in descending order

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205 papers	11,550 citations	23567 58 h-index	31849 101 g-index
213 all docs	213 docs citations	213 times ranked	6464 citing authors

#	Article	IF	Citations
1	Epidemiology of Concussion in Collegiate and High School Football Players. American Journal of Sports Medicine, 2000, 28, 643-650.	4.2	715
2	Gender Differences in Leg Stiffness and Stiffness Recruitment Strategy During Two-Legged Hopping. Journal of Motor Behavior, 2005, 37, 111-126.	0.9	515
3	The Landing Error Scoring System (LESS) Is a Valid and Reliable Clinical Assessment Tool of Jump-Landing Biomechanics. American Journal of Sports Medicine, 2009, 37, 1996-2002.	4.2	485
4	Gender differences in the incidence and prevalence of patellofemoral pain syndrome. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 725-730.	2.9	466
5	Systematic Review of the Balance Error Scoring System. Sports Health, 2011, 3, 287-295.	2.7	401
6	A Prospective Investigation of Biomechanical Risk Factors for Patellofemoral Pain Syndrome. American Journal of Sports Medicine, 2009, 37, 2108-2116.	4.2	382
7	The Landing Error Scoring System as a Screening Tool for an Anterior Cruciate Ligament Injuryâ€“Prevention Program in Elite-Youth Soccer Athletes. Journal of Athletic Training, 2015, 50, 589-595.	1.8	284
8	Gluteal Muscle Activation During Common Therapeutic Exercises. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, 532-540.	3.5	279
9	Gender differences in active musculoskeletal stiffness. Part II. Quantification of leg stiffness during functional hopping tasks. Journal of Electromyography and Kinesiology, 2002, 12, 127-135.	1.7	238
10	Ankle-Dorsiflexion Range of Motion and Landing Biomechanics. Journal of Athletic Training, 2011, 46, 5-10.	1.8	235
11	Development of a test battery to enhance safe return to sports after anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 192-199.	4.2	204
12	Head and shoulder posture affect scapular mechanics and muscle activity in overhead tasks. Journal of Electromyography and Kinesiology, 2010, 20, 701-709.	1.7	187
13	Sagittal-Plane Trunk Position, Landing Forces, and Quadriceps Electromyographic Activity. Journal of Athletic Training, 2009, 44, 174-179.	1.8	184
14	Gender differences in active musculoskeletal stiffness. Part I.. Journal of Electromyography and Kinesiology, 2002, 12, 119-126.	1.7	176
15	Individuals with mechanical ankle instability exhibit different motion patterns than those with functional ankle instability and ankle sprain copers. Clinical Biomechanics, 2008, 23, 822-831.	1.2	170
16	Influence of trunk flexion on hip and knee joint kinematics during a controlled drop landing. Clinical Biomechanics, 2008, 23, 313-319.	1.2	159
17	The effects of an exercise intervention on forward head and rounded shoulder postures in elite swimmers. British Journal of Sports Medicine, 2010, 44, 376-381.	6.7	158
18	Acute Lower Extremity Injury Rates Increase after Concussion in College Athletes. Medicine and Science in Sports and Exercise, 2015, 47, 2487-2492.	0.4	158

#	Article	IF	Citations
19	The Effects of Strength Training on the Lower Extremity Biomechanics of Female Recreational Athletes during a Stop-Jump Task. American Journal of Sports Medicine, 2008, 36, 733-740.	4.2	136
20	Muscle Strength and Flexibility Characteristics of People Displaying Excessive Medial Knee Displacement. Archives of Physical Medicine and Rehabilitation, 2008, 89, 1323-1328.	0.9	135
21	Sex Differences in the Incidence of Anterior Cruciate Ligament, Medial Collateral Ligament, and Meniscal Injuries in Collegiate and High School Sports. American Journal of Sports Medicine, 2016, 44, 1565-1572.	4.2	131
22	Sex comparison of extensibility, passive, and active stiffness of the knee flexors. Clinical Biomechanics, 2004, 19, 36-43.	1.2	126
23	Effect of Limiting Ankle-Dorsiflexion Range of Motion on Lower Extremity Kinematics and Muscle-Activation Patterns During a Squat. Journal of Sport Rehabilitation, 2012, 21, 144-150.	1.0	124
24	The Effects of Feedback with and without Strength Training on Lower Extremity Biomechanics. American Journal of Sports Medicine, 2009, 37, 1301-1308.	4.2	121
25	National Athletic Trainers' Association Position Statement: Prevention of Anterior Cruciate Ligament Injury. Journal of Athletic Training, 2018, 53, 5-19.	1.8	118
26	Concentric and Eccentric Torque of the Hip Musculature in Individuals With and Without Patellofemoral Pain. Journal of Athletic Training, 2009, 44, 7-13.	1.8	117
27	Comparison of shoulder flexibility, strength, and function between breast cancer survivors and healthy participants. Journal of Cancer Survivorship, 2011, 5, 167-174.	2.9	115
28	The Relationship Between Training Load and Injury in Athletes: A Systematic Review. Sports Medicine, 2018, 48, 1929-1961.	6.5	111
29	Altered Knee and Ankle Kinematics During Squatting in Those With Limited Weight-Bearingâ€“Lunge Ankle-Dorsiflexion Range of Motion. Journal of Athletic Training, 2014, 49, 723-732.	1.8	106
30	Improper Trunk Rotation Sequence Is Associated With Increased Maximal Shoulder External Rotation Angle and Shoulder Joint Force in High School Baseball Pitchers. American Journal of Sports Medicine, 2014, 42, 2089-2094.	4.2	106
31	Influence of Age, Sex, Technique, and Exercise Program on Movement Patterns after an Anterior Cruciate Ligament Injury Prevention Program in Youth Soccer Players. American Journal of Sports Medicine, 2009, 37, 495-505.	4.2	103
32	Reliability of the Landing Error Scoring System-Real Time, a Clinical Assessment Tool of Jump-Landing Biomechanics. Journal of Sport Rehabilitation, 2011, 20, 145-156.	1.0	100
33	Effect of Excessive Contralateral Trunk Tilt on Pitching Biomechanics and Performance in High School Baseball Pitchers. American Journal of Sports Medicine, 2013, 41, 2430-2438.	4.2	100
34	Validity and reliability of a new in vivo ankle stiffness measurement device. Journal of Biomechanics, 2007, 40, 463-467.	2.1	97
35	Anterior cruciate ligament injury alters preinjury lower extremity biomechanics in the injured and uninjured leg: the JUMP-ACL study. British Journal of Sports Medicine, 2015, 49, 188-195.	6.7	94
36	Integrated Injury Prevention Program Improves Balance and Vertical Jump Height in Children. Journal of Strength and Conditioning Research, 2010, 24, 332-342.	2.1	90

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37	The Effects of Lower Extremity Muscle Activation and Passive Range of Motion on Single Leg Squat Performance. Journal of Strength and Conditioning Research, 2013, 27, 1813-1823.	2.1	87
38	Biochemical markers of cartilage metabolism are associated with walking biomechanics 6â€•months following anterior cruciate ligament reconstruction. Journal of Orthopaedic Research, 2017, 35, 2288-2297.	2.3	84
39	Fatigue, vertical leg stiffness, and stiffness control strategies in males and females. Journal of Athletic Training, 2006, 41, 294-304.	1.8	83
40	Muscle Activation During Side-Step Cutting Maneuvers in Male and Female Soccer Athletes. Journal of Athletic Training, 2008, 43, 133-143.	1.8	80
41	Lower Extremity Kinematics and Ground Reaction Forces After Prophylactic Lace-Up Ankle Bracing. Journal of Athletic Training, 2008, 43, 234-241.	1.8	78
42	Repeatability of surface EMG during gait in children. Gait and Posture, 2005, 22, 346-350.	1.4	77
43	Trunk and Hip Biomechanics Influence Anterior Cruciate Loading Mechanisms in Physically Active Participants. American Journal of Sports Medicine, 2013, 41, 2676-2683.	4.2	77
44	Greater Mechanical Loading During Walking Is Associated With Less Collagen Turnover in Individuals With Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 425-432.	4.2	76
45	Retention of Movement Pattern Changes After a Lower Extremity Injury Prevention Program Is Affected by Program Duration. American Journal of Sports Medicine, 2012, 40, 300-306.	4.2	75
46	Variability of motion in individuals with mechanical or functional ankle instability during a stop jump maneuver. Clinical Biomechanics, 2009, 24, 762-768.	1.2	74
47	ACL Research Retreat V: An Update on ACL Injury Risk and Prevention, March 25â€“27, 2010, Greensboro, NC. Journal of Athletic Training, 2010, 45, 499-508.	1.8	69
48	Quadriceps and Hamstrings Coactivation During Common Therapeutic Exercises. Journal of Athletic Training, 2012, 47, 396-405.	1.8	68
49	The Effects of 2 Landing Techniques on Knee Kinematics, Kinetics, and Performance During Stop-Jump and Side-Cutting Tasks. American Journal of Sports Medicine, 2015, 43, 466-474.	4.2	68
50	Neuromuscular Characteristics of Individuals Displaying Excessive Medial Knee Displacement. Journal of Athletic Training, 2012, 47, 525-536.	1.8	66
51	The association between lower extremity energy absorption and biomechanical factors related to anterior cruciate ligament injury. Clinical Biomechanics, 2010, 25, 1031-1036.	1.2	65
52	ACL Research Retreat VI: An Update on ACL Injury Risk and Prevention. Journal of Athletic Training, 2012, 47, 591-603.	1.8	65
53	Lower Extremity Muscle Activation and Knee Flexion During a Jump-Landing Task. Journal of Athletic Training, 2012, 47, 406-413.	1.8	64
54	Lower Extremity Energy Absorption and Biomechanics During Landing, Part I: Sagittal-Plane Energy Absorption Analyses. Journal of Athletic Training, 2013, 48, 748-756.	1.8	64

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55	Estrogen and muscle stiffness have a negative relationship in females. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 361-367.	4.2	63
56	Seven Steps for Developing and Implementing a Preventive Training Program. Clinics in Sports Medicine, 2014, 33, 615-632.	1.8	63
57	High levels of coach intent to integrate a ACL injury prevention program into training does not translate to effective implementation. Journal of Science and Medicine in Sport, 2015, 18, 400-406.	1.3	63
58	Predicting sport and occupational lower extremity injury risk through movement quality screening: a systematic review. British Journal of Sports Medicine, 2017, 51, 580-585.	6.7	62
59	Scapular Kinematics during Supraspinatus Rehabilitation Exercise. American Journal of Sports Medicine, 2006, 34, 644-652.	4.2	58
60	Comparison of triceps surae structural stiffness and material modulus across sex. Clinical Biomechanics, 2006, 21, 159-167.	1.2	55
61	A stochastic biomechanical model for risk and risk factors of non-contact anterior cruciate ligament injuries. Journal of Biomechanics, 2009, 42, 418-423.	2.1	54
62	Epidemiology of Hip Flexor and Hip Adductor Strains in National Collegiate Athletic Association Athletes, 2009/2010-2014/2015. American Journal of Sports Medicine, 2017, 45, 2713-2722.	4.2	53
63	Quadriceps Neuromuscular Function and Jump-Landing Sagittal-Plane Knee Biomechanics After Anterior Cruciate Ligament Reconstruction. Journal of Athletic Training, 2018, 53, 135-143.	1.8	53
64	Consortium for Health and Military Performance and American College of Sports Medicine Summit. Current Sports Medicine Reports, 2014, 13, 52-63.	1.2	52
65	Thigh Muscle Activity, Knee Motion, and Impact Force During Side-Step Pivoting in Agility-Trained Female Basketball Players. Journal of Athletic Training, 2009, 44, 14-25.	1.8	51
66	Scapular Bracing and Alteration of Posture and Muscle Activity in Overhead Athletes With Poor Posture. Journal of Athletic Training, 2013, 48, 12-24.	1.8	51
67	Effects of an Age-Specific Anterior Cruciate Ligament Injury Prevention Program on Lower Extremity Biomechanics in Children. American Journal of Sports Medicine, 2011, 39, 949-957.	4.2	49
68	Association of Injury History and Incident Injury in Cadet Basic Military Training. Medicine and Science in Sports and Exercise, 2016, 48, 1053-1061.	0.4	49
69	The relationships between active extensibility, and passive and active stiffness of the knee flexors. Journal of Electromyography and Kinesiology, 2004, 14, 683-691.	1.7	46
70	Shoulder External Rotation Fatigue and Scapular Muscle Activation and Kinematics in Overhead Athletes. Journal of Athletic Training, 2011, 46, 349-357.	1.8	46
71	Walking gait asymmetries 6 months following anterior cruciate ligament reconstruction predict 12â€month patientâ€reported outcomes. Journal of Orthopaedic Research, 2018, 36, 2932-2940.	2.3	46
72	Sagittal Plane Knee Biomechanics and Vertical Ground Reaction Forces Are Modified Following ACL Injury Prevention Programs: A Systematic Review. Sports Health, 2009, 1, 165-173.	2.7	45

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73	Upper extremity strength and range of motion and their relationship to function in breast cancer survivors. Physiotherapy Theory and Practice, 2013, 29, 513-520.	1.3	45
74	Reliability, Validity, and Precision of a Handheld Myometer for Assessing in Vivo Muscle Stiffness. Journal of Sport Rehabilitation, 2011, 20, .	1.0	44
75	Hip Kinematics During a Stop-Jump Task in Patients With Chronic Ankle Instability. Journal of Athletic Training, 2011, 46, 461-467.	1.8	44
76	A Dynamic Warm-up Model Increases Quadriceps Strength and Hamstring Flexibility. Journal of Strength and Conditioning Research, 2012, 26, 1130-1141.	2.1	44
77	Comparison of Integrated and Isolated Training on Performance Measures and Neuromuscular Control. Journal of Strength and Conditioning Research, 2013, 27, 1083-1090.	2.1	44
78	The Effects of an Injury Prevention Program on Landing Biomechanics Over Time. American Journal of Sports Medicine, 2016, 44, 767-776.	4.2	43
79	Associations Between Slower Walking Speed and T1Ï•Magnetic Resonance Imaging of Femoral Cartilage Following Anterior Cruciate Ligament Reconstruction. Arthritis Care and Research, 2018, 70, 1132-1140.	3.4	43
80	The Effect of Menstrual-Cycle Phase on Hamstring Extensibility and Muscle Stiffness. Journal of Sport Rehabilitation, 2009, 18, 553-563.	1.0	41
81	Influences of hamstring stiffness and strength on anterior knee joint stability. Clinical Biomechanics, 2011, 26, 278-283.	1.2	41
82	Two- and 3-Dimensional Knee Valgus Are Reduced After an Exercise Intervention in Young Adults With Demonstrable Valgus During Squatting. Journal of Athletic Training, 2013, 48, 442-449.	1.8	41
83	Real-time biofeedback can increase and decrease vertical ground reaction force, knee flexion excursion, and knee extension moment during walking in individuals with anterior cruciate ligament reconstruction. Journal of Biomechanics, 2018, 76, 94-102.	2.1	39
84	Ankle Sprains in the National Basketball Association, 2013-2014 Through 2016-2017. American Journal of Sports Medicine, 2019, 47, 2651-2658.	4.2	39
85	Automated Quantification of the Landing Error Scoring System With a Markerless Motion-Capture System. Journal of Athletic Training, 2017, 52, 1002-1009.	1.8	38
86	Prevalence and impact of patellar tendinopathy on elite basketball athletes: Quantifying injury beyond the time-loss definition. Journal of Science and Medicine in Sport, 2017, 20, 17-18.	1.3	38
87	Walking Speed As a Potential Indicator of Cartilage Breakdown Following Anterior Cruciate Ligament Reconstruction. Arthritis Care and Research, 2016, 68, 793-800.	3.4	34
88	The Effects of Three Jump Landing Tasks on Kinetic and Kinematic Measures: Implications for ACL Injury Research. Research in Sports Medicine, 2013, 21, 330-342.	1.3	33
89	Neuromuscular Fatigue Alters Postural Control and Sagittal Plane Hip Biomechanics in Active Females With Anterior Cruciate Ligament Reconstruction. Sports Health, 2014, 6, 301-308.	2.7	32
90	The effect of performance demands on lower extremity biomechanics during landing and cutting tasks. Journal of Sport and Health Science, 2019, 8, 228-234.	6.5	32

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91	Kinematic Differences Between Those With and Without Medial Knee Displacement During a Single-leg Squat. Journal of Applied Biomechanics, 2014, 30, 707-712.	0.8	31
92	Epidemiology of Quadriceps Strains in National Collegiate Athletic Association Athletes, 2009â€“2010 Through 2014â€“2015. Journal of Athletic Training, 2017, 52, 474-481.	1.8	31
93	Effectiveness of Myofascial Release Therapies on Physical Performance Measurements: A Systematic Review. Athletic Training & Sports Health Care, 2014, 6, 189-196.	0.4	31
94	Associations between cartilage proteoglycan density and patient outcomes 12 months following anterior cruciate ligament reconstruction. Knee, 2018, 25, 118-129.	1.6	29
95	Trunk-Rotation Flexibility in Collegiate Softball Players With or Without a History of Shoulder or Elbow Injury. Journal of Athletic Training, 2012, 47, 507-515.	1.8	28
96	Clinical Movement Analysis to Identify Muscle Imbalances and Guide Exercise. Athletic Therapy Today, 2007, 12, 10-14.	0.2	27
97	The Effects of Oral Contraceptive Use on Muscle Stiffness Across the Menstrual Cycle. Clinical Journal of Sport Medicine, 2011, 21, 467-473.	1.8	27
98	Sagittal plane kinematics predict kinetics during walking gait in individuals with anterior cruciate ligament reconstruction. Clinical Biomechanics, 2016, 39, 9-13.	1.2	27
99	Lesser lower extremity mechanical loading associates with a greater increase in serum cartilage oligomeric matrix protein following walking in individuals with anterior cruciate ligament reconstruction. Clinical Biomechanics, 2018, 60, 13-19.	1.2	27
100	The relationship between anterior tibial shear force during a jump landing task and quadriceps and hamstring strength. Clinical Biomechanics, 2008, 23, 1165-1171.	1.2	26
101	Gender-Specific Risk Factor Profiles for Patellofemoral Pain. Clinical Journal of Sport Medicine, 2021, 31, 49-56.	1.8	26
102	Visual Utilization During Postural Control in Anterior Cruciate Ligamentâ€“ Deficient and â€“Reconstructed Patients: Systematic Reviews and Meta-Analyses. Archives of Physical Medicine and Rehabilitation, 2017, 98, 2052-2065.	0.9	25
103	Quadriceps rate of torque development and disability in individuals with anterior cruciate ligament reconstruction. Clinical Biomechanics, 2017, 46, 52-56.	1.2	25
104	Evidence Supporting ACL-Injury-Prevention Exercise Programs: A Review of the Literature. Athletic Therapy Today, 2006, 11, 11-23.	0.2	24
105	EFFECT OF RESTRICTED HIP FLEXOR MUSCLE LENGTH ON HIP EXTENSOR MUSCLE ACTIVITY AND LOWER EXTREMITY BIOMECHANICS IN COLLEGE-AGED FEMALE SOCCER PLAYERS. International Journal of Sports Physical Therapy, 2015, 10, 946-54.	1.3	24
106	Hip Adduction Does not Affect VMO EMG Amplitude or VMO:VL Ratios during a Dynamic Squat Exercise. Journal of Sport Rehabilitation, 2006, 15, 195-205.	1.0	23
107	Lower Extremity Energy Absorption and Biomechanics During Landing, Part II: Frontal-Plane Energy Analyses and Interplanar Relationships. Journal of Athletic Training, 2013, 48, 757-763.	1.8	23
108	Jump-Landing Biomechanics and Knee-Laxity Change Across the Menstrual Cycle in Women With Anterior Cruciate Ligament Reconstruction. Journal of Athletic Training, 2014, 49, 154-162.	1.8	23

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109	The Effect of Select Shoulder Exercises on Strength, Active Angle Reproduction, Single-Arm Balance, and Functional Performance. Journal of Sport Rehabilitation, 2004, 13, 75-95.	1.0	22
110	Muscle Stiffness and Spinal Stretch Reflex Sensitivity in the Triceps Surae. Journal of Athletic Training, 2008, 43, 29-36.	1.8	22
111	Prevalence of Freestyle Biomechanical Errors in Elite Competitive Swimmers. Sports Health, 2014, 6, 218-224.	2.7	22
112	Sex Differences During an Overhead Squat Assessment. Journal of Applied Biomechanics, 2015, 31, 244-249.	0.8	22
113	Muscle Activity and Flexibility in Individuals With Medial Knee Displacement During the Overhead Squat. Athletic Training & Sports Health Care, 2012, 4, 117-125.	0.4	22
114	Relationship between hip strength and trunk, hip, and knee kinematics during a jump-landing task in individuals with patellofemoral pain. International Journal of Sports Physical Therapy, 2013, 8, 661-9.	1.3	22
115	Movement profile influences systemic stress and biomechanical resilience to high training load exposure. Journal of Science and Medicine in Sport, 2019, 22, 35-41.	1.3	21
116	Ankle Dorsiflexion Displacement During Landing is Associated With Initial Contact Kinematics but not Joint Displacement. Journal of Applied Biomechanics, 2015, 31, 205-210.	0.8	20
117	Biomechanical effects of manipulating peak vertical ground reaction force throughout gait in individuals 6â€“12Âmonths after anterior cruciate ligament reconstruction. Clinical Biomechanics, 2020, 76, 105014.	1.2	20
118	Peak knee biomechanics and limb symmetry following unilateral anterior cruciate ligament reconstruction: Associations of walking gait and jump-landing outcomes. Clinical Biomechanics, 2018, 53, 79-85.	1.2	19
119	Executing a Collaborative Prospective Risk-Factor Study: Findings, Successes, and Challenges. Journal of Athletic Training, 2010, 45, 519-521.	1.8	18
120	Jump-Landing Differences Between Varsity, Club, and Intramural Athletes. Journal of Strength and Conditioning Research, 2014, 28, 1164-1171.	2.1	17
121	Risk of Lower Extremity Injury in a Military Cadet Population After a Supervised Injury-Prevention Program. Journal of Athletic Training, 2016, 51, 905-918.	1.8	17
122	Achilles tendon adaptation in cross-country runners across a competitive season. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 303-310.	2.9	17
123	Trunk and Lower Extremity Kinematics During Stair Descent in Women With or Without Patellofemoral Pain. Journal of Athletic Training, 2015, 50, 704-712.	1.8	16
124	Dissemination and Implementation Strategies of Lower Extremity Preventive Training Programs in Youth: A Clinical Review. Sports Health, 2017, 9, 524-531.	2.7	16
125	Military Movement Training Program Improves Jump-Landing Mechanics Associated With Anterior Cruciate Ligament Injury Risk. Journal of Surgical Orthopaedic Advances, 2013, 22, 66-70.	0.1	16
126	Static and dynamic single leg postural control performance during dual-task paradigms. Journal of Sports Sciences, 2017, 35, 1118-1124.	2.0	14

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127	Evaluation of the Lateral Step-Down Test as a Clinical Assessment of Hip Musculature Strength. Athletic Training & Sports Health Care, 2009, 1, 272-278.	0.4	14
128	Immediate Biochemical Changes After Gait Biofeedback in Individuals With Anterior Cruciate Ligament Reconstruction. Journal of Athletic Training, 2020, 55, 1106-1115.	1.8	14
129	Prevalence of and Risk Factors for Total Hip and Knee Replacement in Retired National Football League Athletes. American Journal of Sports Medicine, 2019, 47, 2863-2870.	4.2	13
130	Combining Inertial Sensors and Machine Learning to Predict vGRF and Knee Biomechanics during a Double Limb Jump Landing Task. Sensors, 2021, 21, 4383.	3.8	13
131	Association between double-leg squat and single-leg squat performance and injury incidence among incoming NCAA Division I athletes: A prospective cohort study. Physical Therapy in Sport, 2018, 34, 192-200.	1.9	12
132	Using TENS to Enhance Therapeutic Exercise in Individuals with Knee Osteoarthritis. Medicine and Science in Sports and Exercise, 2020, 52, 2086-2095.	0.4	12
133	Association of Jump-Landing Biomechanics With Tibiofemoral Articular Cartilage Composition 12 Months After ACL Reconstruction. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110164.	1.7	11
134	Precision and Validity of a Clinical Method for Pectoral Minor Length Assessment in Overhead-Throwing Athletes. Athletic Training & Sports Health Care, 2012, 4, 67-72.	0.4	11
135	Validation of a Commercially Available Markerless Motion-Capture System for Trunk and Lower Extremity Kinematics During a Jump-Landing Assessment. Journal of Athletic Training, 2021, 56, 177-190.	1.8	10
136	Influences of experimental factors on spinal stretch reflex latency and amplitude in the human triceps surae. Journal of Electromyography and Kinesiology, 2006, 16, 42-50.	1.7	9
137	Effect of a Lower Extremity Preventive Training Program on Physical Performance Scores in Military Recruits. Journal of Strength and Conditioning Research, 2017, 31, 3146-3157.	2.1	9
138	Weak associations between body mass index and self-reported disability in people with unilateral anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1326-1334.	4.2	9
139	Preliminary Investigation on the Effect of Cognition on Jump-Landing Performance Using a Clinically Relevant Setup. Measurement in Physical Education and Exercise Science, 2019, 23, 78-88.	1.8	9
140	Vibration improves gait biomechanics linked to posttraumatic knee osteoarthritis following anterior cruciate ligament injury. Journal of Orthopaedic Research, 2021, 39, 1113-1122.	2.3	9
141	Certified Athletic Trainers' Knowledge and Perceptions of Posttraumatic Osteoarthritis After Knee Injury. Journal of Athletic Training, 2017, 52, 541-559.	1.8	8
142	Can Functional Movement Assessment Predict Football Head Impact Biomechanics?. Medicine and Science in Sports and Exercise, 2018, 50, 1233-1240.	0.4	7
143	Ankle Dorsiflexion displacement is associated with hip and knee kinematics in females following anterior cruciate ligament reconstruction. Research in Sports Medicine, 2019, 27, 21-33.	1.3	7
144	Acute Talar Cartilage Deformation in Those with and without Chronic Ankle Instability. Medicine and Science in Sports and Exercise, 2021, 53, 1228-1234.	0.4	7

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145	Muscle Stiffness and Biomechanical Stability. Athletic Therapy Today, 2003, 8, 45-47.	0.2	6
146	Effect of Single-Leg Squat Speed and Depth on Dynamic Postural Control Under Single-Task and Dual-Task Paradigms. Journal of Applied Biomechanics, 2019, 35, 272-279.	0.8	6
147	Landing Biomechanics, But Not Physical Activity, Differ in Young Male Athletes With and Without Patellar Tendinopathy. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 158-166.	3.5	6
148	Landing biomechanics are not immediately altered by a single-dose patellar tendon isometric exercise protocol in male athletes with patellar tendinopathy: A single-blinded randomized cross-over trial. Physical Therapy in Sport, 2020, 46, 177-185.	1.9	6
149	Trunk and Lower Extremity Movement Patterns, Stress Fracture Risk Factors, and Biomarkers of Bone Turnover in Military Trainees. Journal of Athletic Training, 2020, 55, 724-732.	1.8	5
150	Kinematic and neuromuscular relationships between lower extremity clinical movement assessments. Sports Biomechanics, 2018, 17, 273-284.	1.6	4
151	Trends in movement quality in US Military Academy cadets 2005-17: A JUMP-ACL study. Physical Therapy in Sport, 2021, 48, 109-115.	1.9	4
152	Body Composition Characteristics and Knee Injury Prevalence of NCAA Division I Women's Soccer and Lacrosse. Medicine and Science in Sports and Exercise, 2019, 51, 912-912.	0.4	3
153	Differences in Biomechanical Loading Magnitude During a Landing Task in Male Athletes With and Those Without Patellar Tendinopathy. Journal of Athletic Training, 2022, 57, 1062-1071.	1.8	3
154	Are Elite Collegiate Female Athletes PRIME for a Safe Return to Sport after ACLR? An Investigation of Physical Readiness and Integrated Movement Efficiency (PRIME). International Journal of Sports Physical Therapy, 2022, 17, 445-455.	1.3	3
155	In vivo evaluation of patellar tendon stiffness in individuals with patellofemoral pain syndrome. Applied Bionics and Biomechanics, 2008, 5, 59-63.	1.1	2
156	Response to Letter to the Editor: Comment on â€œA stochastic biomechanical model for risk and risk factors of non-contact anterior cruciate ligament injuriesâ€• Journal of Biomechanics, 2009, 42, 1780-1782.	2.1	2
157	The influences of sex and posture on joint energetics during drop landings. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e166-75.	2.9	2
158	Implementation Strategies for ACL Injury Prevention Programs. , 2018, , 625-639.		2
159	Use of double leg injury screening to assess single leg biomechanical risk variables. Physical Therapy in Sport, 2021, 47, 40-45.	1.9	2
160	Automated Landing Error Scoring System Performance and the Risk of Bone Stress Injury in Military Trainees. Journal of Athletic Training, 2022, 57, 334-340.	1.8	2
161	Lower Extremity Musculoskeletal Injury in US Military Academy Cadet Basic Training: A Survival Analysis Evaluating Sex, History of Injury, and Body Mass Index. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110398.	1.7	2
162	Influence of Baseball Training Load on Clinical Reach Tests and Grip Strength in Collegiate Baseball Players. Journal of Athletic Training, 2020, 55, 984-993.	1.8	2

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163	Longitudinal Analysis of Inter-Limb Coordination Before and After Anterior Cruciate Ligament Injury: The JUMP-ACL Study. Journal of Science in Sport and Exercise, 2020, 2, 265-271.	1.0	1
164	Intra-rater Reliability Of A Web-based, Dynamic Assessment Tool. Medicine and Science in Sports and Exercise, 2005, 37, S124.	0.4	1
165	Collegiate Cross Country Athlete Lower Extremity Stress Fracture Risk Factors. Medicine and Science in Sports and Exercise, 2016, 48, 39.	0.4	1
166	Aberrant Gait Biomechanics Are Not Associated with Aberrant Landing Biomechanics in Those with ACL Reconstruction. Medicine and Science in Sports and Exercise, 2017, 49, 357.	0.4	1
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