

# Darin A Padua

## List of Publications by Year in descending order

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Version: 2024-02-01

205  
papers

11,550  
citations

23500

58  
h-index

31759

101  
g-index

213  
all docs

213  
docs citations

213  
times ranked

6464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in Biomechanical Loading Magnitude During a Landing Task in Male Athletes With and Those Without Patellar Tendinopathy. <i>Journal of Athletic Training</i> , 2022, 57, 1062-1071.	0.9	3
2	Automated Landing Error Scoring System Performance and the Risk of Bone Stress Injury in Military Trainees. <i>Journal of Athletic Training</i> , 2022, 57, 334-340.	0.9	2
3	Are Elite Collegiate Female Athletes PRIME for a Safe Return to Sport after ACLR? An Investigation of Physical Readiness and Integrated Movement Efficiency (PRIME). <i>International Journal of Sports Physical Therapy</i> , 2022, 17, 445-455.	0.5	3
4	Dorsiflexion and Hop Biomechanics Associate with Greater Talar Cartilage Deformation in Those with Chronic Ankle Instability. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 1176-1182.	0.2	1
5	Association Between Landing Error Scoring System (LESS) Items and the Incidence Rate of Lower Extremity Stress Fracture. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712211007.	0.8	1
6	Gender-Specific Risk Factor Profiles for Patellofemoral Pain. <i>Clinical Journal of Sport Medicine</i> , 2021, 31, 49-56.	0.9	26
7	Vibration improves gait biomechanics linked to posttraumatic knee osteoarthritis following anterior cruciate ligament injury. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1113-1122.	1.2	9
8	Use of double leg injury screening to assess single leg biomechanical risk variables. <i>Physical Therapy in Sport</i> , 2021, 47, 40-45.	0.8	2
9	Validation of a Commercially Available Markerless Motion-Capture System for Trunk and Lower Extremity Kinematics During a Jump-Landing Assessment. <i>Journal of Athletic Training</i> , 2021, 56, 177-190.	0.9	10
10	Acute Talar Cartilage Deformation in Those with and without Chronic Ankle Instability. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1228-1234.	0.2	7
11	Differences in Lower Extremity Movement Quality by Level of Sport Specialization in Cadets Entering a United States Service Academy. <i>Sports Health</i> , 2021, 13, 194173812199409.	1.3	0
12	Trends in movement quality in US Military Academy cadets 2005-17: A JUMP-ACL study. <i>Physical Therapy in Sport</i> , 2021, 48, 109-115.	0.8	4
13	Combining Inertial Sensors and Machine Learning to Predict vGRF and Knee Biomechanics during a Double Limb Jump Landing Task. <i>Sensors</i> , 2021, 21, 4383.	2.1	13
14	Association of Jump-Landing Biomechanics With Tibiofemoral Articular Cartilage Composition 12 Months After ACL Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110164.	0.8	11
15	Multi-Camera Portable Markerless Motion Capture System Accurately Captures Lower Limb Kinematics During Functional Tasks. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 176-176.	0.2	0
16	Lower Extremity Musculoskeletal Injury in US Military Academy Cadet Basic Training: A Survival Analysis Evaluating Sex, History of Injury, and Body Mass Index. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110398.	0.8	2
17	Lower Extremity Movement Quality and the Internal Training Load Response of Male Collegiate Soccer Athletes. <i>Journal of Athletic Training</i> , 2021, 56, 973-979.	0.9	0
18	Examining the Dynamic Nature of Anterior Cruciate Ligament Injury Risk Factors in Womenâ€™s Collegiate Soccer. <i>Journal of Sport Rehabilitation</i> , 2021, , 1-8.	0.4	0

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19	Lower Extremity Movement Quality and the Internal Training Load Response of Male Collegiate Soccer Athletes. <i>Journal of Athletic Training</i> , 2021, 56, 973-979.	0.9	1
20	Landing Biomechanics, But Not Physical Activity, Differ in Young Male Athletes With and Without Patellar Tendinopathy. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020, 50, 158-166.	1.7	6
21	Longitudinal Analysis of Inter-Limb Coordination Before and After Anterior Cruciate Ligament Injury: The JUMP-ACL Study. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 265-271.	0.4	1
22	Using TENS to Enhance Therapeutic Exercise in Individuals with Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2086-2095.	0.2	12
23	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. <i>Physical Therapy in Sport</i> , 2020, 46, 177-185.	0.8	6
24	Daily walking volume and intensity after anterior cruciate ligament reconstruction: a preliminary analysis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, S392-S393.	0.6	0
25	Biomechanical effects of manipulating peak vertical ground reaction force throughout gait in individuals 6-12 months after anterior cruciate ligament reconstruction. <i>Clinical Biomechanics</i> , 2020, 76, 105014.	0.5	20
26	Trunk and Lower Extremity Movement Patterns, Stress Fracture Risk Factors, and Biomarkers of Bone Turnover in Military Trainees. <i>Journal of Athletic Training</i> , 2020, 55, 724-732.	0.9	5
27	Training Load, Recovery, and Injury: A Simple or Complex Relationship?. <i>Journal of Athletic Training</i> , 2020, 55, 873-873.	0.9	0
28	Influence of Baseball Training Load on Clinical Reach Tests and Grip Strength in Collegiate Baseball Players. <i>Journal of Athletic Training</i> , 2020, 55, 984-993.	0.9	2
29	Gait Biomechanics Linked To Post-traumatic Osteoarthritis Following Anterior Cruciate Ligament Reconstruction Are Improved With Vibration. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 247-247.	0.2	0
30	Immediate Biochemical Changes After Gait Biofeedback in Individuals With Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2020, 55, 1106-1115.	0.9	14
31	Ankle Dorsiflexion displacement is associated with hip and knee kinematics in females following anterior cruciate ligament reconstruction. <i>Research in Sports Medicine</i> , 2019, 27, 21-33.	0.7	7
32	Movement profile influences systemic stress and biomechanical resilience to high training load exposure. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 35-41.	0.6	21
33	Ankle Sprains in the National Basketball Association, 2013-2014 Through 2016-2017. <i>American Journal of Sports Medicine</i> , 2019, 47, 2651-2658.	1.9	39
34	Prevalence of and Risk Factors for Total Hip and Knee Replacement in Retired National Football League Athletes. <i>American Journal of Sports Medicine</i> , 2019, 47, 2863-2870.	1.9	13
35	Effect of Single-Leg Squat Speed and Depth on Dynamic Postural Control Under Single-Task and Dual-Task Paradigms. <i>Journal of Applied Biomechanics</i> , 2019, 35, 272-279.	0.3	6
36	Biomechanical Loading Magnitude Differences During Landing in Male Athletes with and without Patellar Tendinopathy. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 611-611.	0.2	0

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37	Increased Acute-chronic Training Load Ratio Is Associated With Time-loss Injury In Elite-youth Female Soccer Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 517-517.	0.2	0
38	Competing After ACL Injury: Profiles of Division 1 Athletes who Successfully Return to Sport. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 462-462.	0.2	0
39	Body Composition Characteristics and Knee Injury Prevalence of NCAA Division I Women's Soccer and Lacrosse. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 912-912.	0.2	3
40	Preliminary Investigation on the Effect of Cognition on Jump-Landing Performance Using a Clinically Relevant Setup. <i>Measurement in Physical Education and Exercise Science</i> , 2019, 23, 78-88.	1.3	9
41	The effect of performance demands on lower extremity biomechanics during landing and cutting tasks. <i>Journal of Sport and Health Science</i> , 2019, 8, 228-234.	3.3	32
42	Peak knee biomechanics and limb symmetry following unilateral anterior cruciate ligament reconstruction: Associations of walking gait and jump-landing outcomes. <i>Clinical Biomechanics</i> , 2018, 53, 79-85.	0.5	19
43	Quadriceps Neuromuscular Function and Jump-Landing Sagittal-Plane Knee Biomechanics After Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2018, 53, 135-143.	0.9	53
44	Associations between cartilage proteoglycan density and patient outcomes 12 months following anterior cruciate ligament reconstruction. <i>Knee</i> , 2018, 25, 118-129.	0.8	29
45	National Athletic Trainers' Association Position Statement: Prevention of Anterior Cruciate Ligament Injury. <i>Journal of Athletic Training</i> , 2018, 53, 5-19.	0.9	118
46	Can Functional Movement Assessment Predict Football Head Impact Biomechanics?. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1233-1240.	0.2	7
47	Achilles tendon adaptation in cross-country runners across a competitive season. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 303-310.	1.3	17
48	Weak associations between body mass index and self-reported disability in people with unilateral anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1326-1334.	2.3	9
49	Associations Between Slower Walking Speed and T1 $\rho$ -Magnetic Resonance Imaging of Femoral Cartilage Following Anterior Cruciate Ligament Reconstruction. <i>Arthritis Care and Research</i> , 2018, 70, 1132-1140.	1.5	43
50	Kinematic and neuromuscular relationships between lower extremity clinical movement assessments. <i>Sports Biomechanics</i> , 2018, 17, 273-284.	0.8	4
51	Movement Efficiency Profile Affects Knee Loading Responses to a Controlled Acute Exposure to High Metabolic and Mechanical Training Load. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 389.	0.2	0
52	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. <i>Clinical Biomechanics</i> , 2018, 60, 13-19.	0.5	27
53	Association between double-leg squat and single-leg squat performance and injury incidence among incoming NCAA Division I athletes: A prospective cohort study. <i>Physical Therapy in Sport</i> , 2018, 34, 192-200.	0.8	12
54	Implementation Strategies for ACL Injury Prevention Programs. , 2018, , 625-639.		2

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55	Walking gait asymmetries 6 months following anterior cruciate ligament reconstruction predict 12-month patient-reported outcomes. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2932-2940.	1.2	46
56	The Relationship Between Training Load and Injury in Athletes: A Systematic Review. <i>Sports Medicine</i> , 2018, 48, 1929-1961.	3.1	111
57	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. <i>Journal of Biomechanics</i> , 2018, 76, 94-102.	0.9	39
58	Certified Athletic Trainers' Knowledge and Perceptions of Posttraumatic Osteoarthritis After Knee Injury. <i>Journal of Athletic Training</i> , 2017, 52, 541-559.	0.9	8
59	Biochemical markers of cartilage metabolism are associated with walking biomechanics 6 months following anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2288-2297.	1.2	84
60	Epidemiology of Quadriceps Strains in National Collegiate Athletic Association Athletes, 2009-2010 Through 2014-2015. <i>Journal of Athletic Training</i> , 2017, 52, 474-481.	0.9	31
61	Visual Utilization During Postural Control in Anterior Cruciate Ligament-Deficient and Reconstructed Patients: Systematic Reviews and Meta-Analyses. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 2052-2065.	0.5	25
62	Quadriceps rate of torque development and disability in individuals with anterior cruciate ligament reconstruction. <i>Clinical Biomechanics</i> , 2017, 46, 52-56.	0.5	25
63	PREDICTING LOWER EXTREMITY INJURY RISK IN SPORT THROUGH MOVEMENT QUALITY SCREENING: A SYSTEMATIC REVIEW. <i>British Journal of Sports Medicine</i> , 2017, 51, 409.3-410.	3.1	0
64	Predicting sport and occupational lower extremity injury risk through movement quality screening: a systematic review. <i>British Journal of Sports Medicine</i> , 2017, 51, 580-585.	3.1	62
65	Effect of a Lower Extremity Preventive Training Program on Physical Performance Scores in Military Recruits. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 3146-3157.	1.0	9
66	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
67	Dissemination and Implementation Strategies of Lower Extremity Preventive Training Programs in Youth: A Clinical Review. <i>Sports Health</i> , 2017, 9, 524-531.	1.3	16
68	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
69	Femoral Articular Cartilage Proteoglycan Density is Associated With Marx Activity Rating Scale 12 Months Following Anterior Cruciate Ligament Reconstruction: Preliminary Analysis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S260.	0.6	0
70	Patellofemoral Osteoarthritis does not affect Tolerability of Traditional Therapeutic Exercise in Individuals with Tibiofemoral Osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S353-S354.	0.6	0
71	Epidemiology of Hip Flexor and Hip Adductor Strains in National Collegiate Athletic Association Athletes, 2009/2010-2014/2015. <i>American Journal of Sports Medicine</i> , 2017, 45, 2713-2722.	1.9	53
72	Prevalence and impact of patellar tendinopathy on elite basketball athletes: Quantifying injury beyond the time-loss definition. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 17-18.	0.6	38

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73	Quadriceps Strength is More Associated with Disability than Rate of Torque Development Following ACL Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 361.	0.2	0
74	Static and dynamic single leg postural control performance during dual-task paradigms. <i>Journal of Sports Sciences</i> , 2017, 35, 1118-1124.	1.0	14
75	Development of a test battery to enhance safe return to sports after anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 192-199.	2.3	204
76	Landing Biomechanics Influence Circulating Stress Hormone Levels. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 169-170.	0.2	0
77	Aberrant Gait Biomechanics Are Not Associated with Aberrant Landing Biomechanics in Those with ACL Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 357.	0.2	1
78	Association between Body Mass Index and Disability in Individuals with Unilateral Anterior Cruciate Ligament Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 419.	0.2	0
79	Association of Injury History and Incident Injury in Cadet Basic Military Training. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1053-1061.	0.2	49
80	Could Isokinetic Evaluation Contribute to the Assessment of Sex Differences in the Incidence of ACL, MCL, and Meniscal Injuries in Collegiate and High School Sports? Response. <i>American Journal of Sports Medicine</i> , 2016, 44, NP36-NP37.	1.9	0
81	Walking Speed As a Potential Indicator of Cartilage Breakdown Following Anterior Cruciate Ligament Reconstruction. <i>Arthritis Care and Research</i> , 2016, 68, 793-800.	1.5	34
82	Sagittal plane kinematics predict kinetics during walking gait in individuals with anterior cruciate ligament reconstruction. <i>Clinical Biomechanics</i> , 2016, 39, 9-13.	0.5	27
83	Quadriceps function is associated with impulsive loading during gait in individuals with anterior cruciate ligament reconstruction. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S113.	0.6	0
84	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
85	Sex Differences in the Incidence of Anterior Cruciate Ligament, Medial Collateral Ligament, and Meniscal Injuries in Collegiate and High School Sports. <i>American Journal of Sports Medicine</i> , 2016, 44, 1565-1572.	1.9	131
86	Greater Mechanical Loading During Walking Is Associated With Less Collagen Turnover in Individuals With Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2016, 44, 425-432.	1.9	76
87	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
88	Trunk-Mounted Accelerometry Predicts Temporal Variability in Landing Phases During a Jump-Landing Task. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 737-738.	0.2	0
89	Associations Between Vertical Ground Reaction Forces and Trunk-Mounted Accelerometry During a Jump-Landing. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 637.	0.2	0
90	Collegiate Cross Country Athlete Lower Extremity Stress Fracture Risk Factors. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 39.	0.2	1

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91	Ankle Dorsiflexion Displacement During Landing is Associated With Initial Contact Kinematics but not Joint Displacement. <i>Journal of Applied Biomechanics</i> , 2015, 31, 205-210.	0.3	20
92	Sex Differences During an Overhead Squat Assessment. <i>Journal of Applied Biomechanics</i> , 2015, 31, 244-249.	0.3	22
93	Differences in Hip Range of Motion Profiles Between Male and Female Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 346.	0.2	0
94	The influences of sex and posture on joint energetics during drop landings. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e166-75.	1.3	2
95	Acute Lower Extremity Injury Rates Increase after Concussion in College Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2487-2492.	0.2	158
96	The Effects of 2 Landing Techniques on Knee Kinematics, Kinetics, and Performance During Stop-Jump and Side-Cutting Tasks. <i>American Journal of Sports Medicine</i> , 2015, 43, 466-474.	1.9	68
97	The Landing Error Scoring System as a Screening Tool for an Anterior Cruciate Ligament Injury—Prevention Program in Elite-Youth Soccer Athletes. <i>Journal of Athletic Training</i> , 2015, 50, 589-595.	0.9	284
98	High levels of coach intent to integrate a ACL injury prevention program into training does not translate to effective implementation. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 400-406.	0.6	63
99	Trunk and Lower Extremity Kinematics During Stair Descent in Women With or Without Patellofemoral Pain. <i>Journal of Athletic Training</i> , 2015, 50, 704-712.	0.9	16
100	Anterior cruciate ligament injury alters preinjury lower extremity biomechanics in the injured and uninjured leg: the JUMP-ACL study. <i>British Journal of Sports Medicine</i> , 2015, 49, 188-195.	3.1	94
101	EFFECT OF RESTRICTED HIP FLEXOR MUSCLE LENGTH ON HIP EXTENSOR MUSCLE ACTIVITY AND LOWER EXTREMITY BIOMECHANICS IN COLLEGE-AGED FEMALE SOCCER PLAYERS. <i>International Journal of Sports Physical Therapy</i> , 2015, 10, 946-54.	0.5	24
102	Jump-Landing Biomechanics and Knee-Laxity Change Across the Menstrual Cycle in Women With Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2014, 49, 154-162.	0.9	23
103	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
104	Improper Trunk Rotation Sequence Is Associated With Increased Maximal Shoulder External Rotation Angle and Shoulder Joint Force in High School Baseball Pitchers. <i>American Journal of Sports Medicine</i> , 2014, 42, 2089-2094.	1.9	106
105	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
106	Prevalence of Freestyle Biomechanical Errors in Elite Competitive Swimmers. <i>Sports Health</i> , 2014, 6, 218-224.	1.3	22
107	Neuromuscular Fatigue Alters Postural Control and Sagittal Plane Hip Biomechanics in Active Females With Anterior Cruciate Ligament Reconstruction. <i>Sports Health</i> , 2014, 6, 301-308.	1.3	32
108	Seven Steps for Developing and Implementing a Preventive Training Program. <i>Clinics in Sports Medicine</i> , 2014, 33, 615-632.	0.9	63



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109	Frontal Plane Trunk Position Influences Frontal Plane Knee Loading in Physically Active Females. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 408-409.	0.2	0
110	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
111	Jump-Landing Differences Between Varsity, Club, and Intramural Athletes. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 1164-1171.	1.0	17
112	Effectiveness of Myofascial Release Therapies on Physical Performance Measurements: A Systematic Review. <i>Athletic Training &amp; Sports Health Care</i> , 2014, 6, 189-196.	0.4	31
113	Asymmetry Of Joint Coordination And Variability In Those With Prior ACL Injury. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 960.	0.2	0
114	Trunk and Hip Biomechanics Influence Anterior Cruciate Loading Mechanisms in Physically Active Participants. <i>American Journal of Sports Medicine</i> , 2013, 41, 2676-2683.	1.9	77
115	Upper extremity strength and range of motion and their relationship to function in breast cancer survivors. <i>Physiotherapy Theory and Practice</i> , 2013, 29, 513-520.	0.6	45
116	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
117	Lower Extremity Energy Absorption and Biomechanics During Landing, Part I: Sagittal-Plane Energy Absorption Analyses. <i>Journal of Athletic Training</i> , 2013, 48, 748-756.	0.9	64
118	Two- and 3-Dimensional Knee Valgus Are Reduced After an Exercise Intervention in Young Adults With Demonstrable Valgus During Squatting. <i>Journal of Athletic Training</i> , 2013, 48, 442-449.	0.9	41
119	Scapular Bracing and Alteration of Posture and Muscle Activity in Overhead Athletes With Poor Posture. <i>Journal of Athletic Training</i> , 2013, 48, 12-24.	0.9	51
120	Lower Extremity Energy Absorption and Biomechanics During Landing, Part II: Frontal-Plane Energy Analyses and Interplanar Relationships. <i>Journal of Athletic Training</i> , 2013, 48, 757-763.	0.9	23
121	Effect of Excessive Contralateral Trunk Tilt on Pitching Biomechanics and Performance in High School Baseball Pitchers. <i>American Journal of Sports Medicine</i> , 2013, 41, 2430-2438.	1.9	100
122	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
123	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
124	Military Movement Training Program Improves Jump-Landing Mechanics Associated With Anterior Cruciate Ligament Injury Risk. <i>Journal of Surgical Orthopaedic Advances</i> , 2013, 22, 66-70.	0.1	16
125	Relationship between hip strength and trunk, hip, and knee kinematics during a jump-landing task in individuals with patellofemoral pain. <i>International Journal of Sports Physical Therapy</i> , 2013, 8, 661-9.	0.5	22
126	Trunk-Rotation Flexibility in Collegiate Softball Players With or Without a History of Shoulder or Elbow Injury. <i>Journal of Athletic Training</i> , 2012, 47, 507-515.	0.9	28



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127	Quadriceps and Hamstrings Coactivation During Common Therapeutic Exercises. <i>Journal of Athletic Training</i> , 2012, 47, 396-405.	0.9	68
128	Lower Extremity Muscle Activation and Knee Flexion During a Jump-Landing Task. <i>Journal of Athletic Training</i> , 2012, 47, 406-413.	0.9	64
129	Neuromuscular Characteristics of Individuals Displaying Excessive Medial Knee Displacement. <i>Journal of Athletic Training</i> , 2012, 47, 525-536.	0.9	66
130	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
131	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
132	A Dynamic Warm-up Model Increases Quadriceps Strength and Hamstring Flexibility. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1130-1141.	1.0	44
133	Effect of Limiting Ankle-Dorsiflexion Range of Motion on Lower Extremity Kinematics and Muscle-Activation Patterns During a Squat. <i>Journal of Sport Rehabilitation</i> , 2012, 21, 144-150.	0.4	124
134	Estrogen and muscle stiffness have a negative relationship in females. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 361-367.	2.3	63
135	Precision and Validity of a Clinical Method for Pectoral Minor Length Assessment in Overhead-Throwing Athletes. <i>Athletic Training &amp; Sports Health Care</i> , 2012, 4, 67-72.	0.4	11
136	Muscle Activity and Flexibility in Individuals With Medial Knee Displacement During the Overhead Squat. <i>Athletic Training &amp; Sports Health Care</i> , 2012, 4, 117-125.	0.4	22
137	Influences of hamstring stiffness and strength on anterior knee joint stability. <i>Clinical Biomechanics</i> , 2011, 26, 278-283.	0.5	41
138	In vivo Ultrasonographic Evaluation of Patellar Tendon Stiffness after Anterior Cruciate Ligament Reconstruction with Patellar Tendon Autograft. <i>Applied Bionics and Biomechanics</i> , 2011, 8, 367-376.	0.5	0
139	Association of Gluteus Medius Activation with Leg Muscle Activation and Flexibility. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 923-924.	0.2	0
140	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
141	Reliability, Validity, and Precision of a Handheld Myometer for Assessing in Vivo Muscle Stiffness. <i>Journal of Sport Rehabilitation</i> , 2011, 20, .	0.4	44
142	Shoulder External Rotation Fatigue and Scapular Muscle Activation and Kinematics in Overhead Athletes. <i>Journal of Athletic Training</i> , 2011, 46, 349-357.	0.9	46
143	Hip Kinematics During a Stop-Jump Task in Patients With Chronic Ankle Instability. <i>Journal of Athletic Training</i> , 2011, 46, 461-467.	0.9	44
144	Comparison of shoulder flexibility, strength, and function between breast cancer survivors and healthy participants. <i>Journal of Cancer Survivorship</i> , 2011, 5, 167-174.	1.5	115

#	ARTICLE	IF	CITATIONS
145	The Effects of Oral Contraceptive Use on Muscle Stiffness Across the Menstrual Cycle. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 467-473.	0.9	27
146	Ankle-Dorsiflexion Range of Motion and Landing Biomechanics. <i>Journal of Athletic Training</i> , 2011, 46, 5-10.	0.9	235
147	Systematic Review of the Balance Error Scoring System. <i>Sports Health</i> , 2011, 3, 287-295.	1.3	401
148	Effects of an Age-Specific Anterior Cruciate Ligament Injury Prevention Program on Lower Extremity Biomechanics in Children. <i>American Journal of Sports Medicine</i> , 2011, 39, 949-957.	1.9	49
149	Integrated Injury Prevention Program Improves Balance and Vertical Jump Height in Children. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 332-342.	1.0	90
150	ACL Research Retreat V: An Update on ACL Injury Risk and Prevention, March 25-27, 2010, Greensboro, NC. <i>Journal of Athletic Training</i> , 2010, 45, 499-508.	0.9	69
151	Relationship between Hip Muscle Co-Activation on Knee Valgus Moment During a Jump-Landing Task. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 403.	0.2	0
152	Executing a Collaborative Prospective Risk-Factor Study: Findings, Successes, and Challenges. <i>Journal of Athletic Training</i> , 2010, 45, 519-521.	0.9	18
153	Measures of Trunk Muscle Endurance and Neuromuscular Control Are Not Correlated. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 583-584.	0.2	0
154	Gender differences in the incidence and prevalence of patellofemoral pain syndrome. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 725-730.	1.3	466
155	Comparison of Shoulder ROM, Strength, and Function between Breast Cancer Survivors and Healthy, Age Matched Participants. <i>Rehabilitation Oncology</i> , 2010, 28, 32.	0.2	0
156	Head and shoulder posture affect scapular mechanics and muscle activity in overhead tasks. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 701-709.	0.7	187
157	The association between lower extremity energy absorption and biomechanical factors related to anterior cruciate ligament injury. <i>Clinical Biomechanics</i> , 2010, 25, 1031-1036.	0.5	65
158	The effects of an exercise intervention on forward head and rounded shoulder postures in elite swimmers. <i>British Journal of Sports Medicine</i> , 2010, 44, 376-381.	3.1	158
159	Influence of Age, Sex, Technique, and Exercise Program on Movement Patterns after an Anterior Cruciate Ligament Injury Prevention Program in Youth Soccer Players. <i>American Journal of Sports Medicine</i> , 2009, 37, 495-505.	1.9	103
160	Sagittal Plane Knee Biomechanics and Vertical Ground Reaction Forces Are Modified Following ACL Injury Prevention Programs: A Systematic Review. <i>Sports Health</i> , 2009, 1, 165-173.	1.3	45
161	The Effects of Feedback with and without Strength Training on Lower Extremity Biomechanics. <i>American Journal of Sports Medicine</i> , 2009, 37, 1301-1308.	1.9	121
162	Sagittal-Plane Trunk Position, Landing Forces, and Quadriceps Electromyographic Activity. <i>Journal of Athletic Training</i> , 2009, 44, 174-179.	0.9	184

#	ARTICLE	IF	CITATIONS
163	A stochastic biomechanical model for risk and risk factors of non-contact anterior cruciate ligament injuries. <i>Journal of Biomechanics</i> , 2009, 42, 418-423.	0.9	54
164	Response to Letter to the Editor: Comment on "A stochastic biomechanical model for risk and risk factors of non-contact anterior cruciate ligament injuries". <i>Journal of Biomechanics</i> , 2009, 42, 1780-1782.	0.9	2
165	Gluteal Muscle Activation During Common Therapeutic Exercises. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2009, 39, 532-540.	1.7	279
166	Variability of motion in individuals with mechanical or functional ankle instability during a stop jump maneuver. <i>Clinical Biomechanics</i> , 2009, 24, 762-768.	0.5	74
167	A Prospective Investigation of Biomechanical Risk Factors for Patellofemoral Pain Syndrome. <i>American Journal of Sports Medicine</i> , 2009, 37, 2108-2116.	1.9	382
168	The Landing Error Scoring System (LESS) Is a Valid and Reliable Clinical Assessment Tool of Jump-Landing Biomechanics. <i>American Journal of Sports Medicine</i> , 2009, 37, 1996-2002.	1.9	485
169	Thigh Muscle Activity, Knee Motion, and Impact Force During Side-Step Pivoting in Agility-Trained Female Basketball Players. <i>Journal of Athletic Training</i> , 2009, 44, 14-25.	0.9	51
170	The Effect of Menstrual-Cycle Phase on Hamstring Extensibility and Muscle Stiffness. <i>Journal of Sport Rehabilitation</i> , 2009, 18, 553-563.	0.4	41
171	Concentric and Eccentric Torque of the Hip Musculature in Individuals With and Without Patellofemoral Pain. <i>Journal of Athletic Training</i> , 2009, 44, 7-13.	0.9	117
172	Evaluation of the Lateral Step-Down Test as a Clinical Assessment of Hip Musculature Strength. <i>Athletic Training &amp; Sports Health Care</i> , 2009, 1, 272-278.	0.4	14
173	Gender-specific Incidence And Prevalence Of Anterior Knee Pain In A Military Population. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 503-504.	0.2	0
174	Reliability Of Single Leg Stance And MVC Methods Of Electromyography Normalization In The Lower Extremity. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 353-354.	0.2	0
175	Retention Of A One-session Injury Prevention Intervention After Training Abstinence. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 458.	0.2	0
176	Muscle Strength and Flexibility Characteristics of People Displaying Excessive Medial Knee Displacement. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1323-1328.	0.5	135
177	Influence of trunk flexion on hip and knee joint kinematics during a controlled drop landing. <i>Clinical Biomechanics</i> , 2008, 23, 313-319.	0.5	159
178	Individuals with mechanical ankle instability exhibit different motion patterns than those with functional ankle instability and ankle sprain copers. <i>Clinical Biomechanics</i> , 2008, 23, 822-831.	0.5	170
179	The relationship between anterior tibial shear force during a jump landing task and quadriceps and hamstring strength. <i>Clinical Biomechanics</i> , 2008, 23, 1165-1171.	0.5	26
180	Muscle Activation During Side-Step Cutting Maneuvers in Male and Female Soccer Athletes. <i>Journal of Athletic Training</i> , 2008, 43, 133-143.	0.9	80

#	ARTICLE	IF	CITATIONS
181	The Effects of Strength Training on the Lower Extremity Biomechanics of Female Recreational Athletes during a Stop-Jump Task. <i>American Journal of Sports Medicine</i> , 2008, 36, 733-740.	1.9	136
182	Lower Extremity Kinematics and Ground Reaction Forces After Prophylactic Lace-Up Ankle Bracing. <i>Journal of Athletic Training</i> , 2008, 43, 234-241.	0.9	78
183	Muscle Stiffness and Spinal Stretch Reflex Sensitivity in the Triceps Surae. <i>Journal of Athletic Training</i> , 2008, 43, 29-36.	0.9	22
184	In vivo Evaluation of Patellar Tendon Stiffness in Individuals with Patellofemoral Pain Syndrome. <i>Applied Bionics and Biomechanics</i> , 2008, 5, 59-63.	0.5	0
185	In vivo evaluation of patellar tendon stiffness in individuals with patellofemoral pain syndrome. <i>Applied Bionics and Biomechanics</i> , 2008, 5, 59-63.	0.5	2
186	Effects of Shock Absorbing Insoles on Knee Pain and Gait in Persons with Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S18.	0.2	0
187	Clinical Movement Analysis to Identify Muscle Imbalances and Guide Exercise. <i>Athletic Therapy Today</i> , 2007, 12, 10-14.	0.2	27
188	Validity and reliability of a new in vivo ankle stiffness measurement device. <i>Journal of Biomechanics</i> , 2007, 40, 463-467.	0.9	97
189	Comparison of triceps surae structural stiffness and material modulus across sex. <i>Clinical Biomechanics</i> , 2006, 21, 159-167.	0.5	55
190	Scapular Kinematics during Supraspinatus Rehabilitation Exercise. <i>American Journal of Sports Medicine</i> , 2006, 34, 644-652.	1.9	58
191	Influences of experimental factors on spinal stretch reflex latency and amplitude in the human triceps surae. <i>Journal of Electromyography and Kinesiology</i> , 2006, 16, 42-50.	0.7	9
192	Evidence Supporting ACL-Injury-Prevention Exercise Programs: A Review of the Literature. <i>Athletic Therapy Today</i> , 2006, 11, 11-23.	0.2	24
193	Hip Adduction Does not Affect VMO EMG Amplitude or VMO:VL Ratios during a Dynamic Squat Exercise. <i>Journal of Sport Rehabilitation</i> , 2006, 15, 195-205.	0.4	23
194	Fatigue, vertical leg stiffness, and stiffness control strategies in males and females. <i>Journal of Athletic Training</i> , 2006, 41, 294-304.	0.9	83
195	Gender Differences in Leg Stiffness and Stiffness Recruitment Strategy During Two-Legged Hopping. <i>Journal of Motor Behavior</i> , 2005, 37, 111-126.	0.5	515
196	Repeatability of surface EMG during gait in children. <i>Gait and Posture</i> , 2005, 22, 346-350.	0.6	77
197	Intra-rater Reliability Of A Web-based, Dynamic Assessment Tool. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S124.	0.2	1
198	Sex comparison of extensibility, passive, and active stiffness of the knee flexors. <i>Clinical Biomechanics</i> , 2004, 19, 36-43.	0.5	126

#	ARTICLE	IF	CITATIONS
199	The relationships between active extensibility, and passive and active stiffness of the knee flexors. Journal of Electromyography and Kinesiology, 2004, 14, 683-691.	0.7	46
200	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.	0.4	22
201	Gender Dependent Factors Contributing to Neuromuscular Control of Stability. BMC News and Views, 2004, 4, .	0.0	0
202	Muscle Stiffness and Biomechanical Stability. Athletic Therapy Today, 2003, 8, 45-47.	0.2	6
203	Gender differences in active musculoskeletal stiffness. Part I.. Journal of Electromyography and Kinesiology, 2002, 12, 119-126.	0.7	176
204	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.	0.7	238
205	Epidemiology of Concussion in Collegiate and High School Football Players. American Journal of Sports Medicine, 2000, 28, 643-650.	1.9	715