Timothy E Hewett

List of Publications by Year
in descending order

360 papers	36,996 citations	2213 99 h-index	3482 182 g-index
362 all docs	362 docs citations	362 times ranked	14537 citing authors

#	Article	IF	Citations
1	Biomechanical Measures of Neuromuscular Control and Valgus Loading of the Knee Predict Anterior Cruciate Ligament Injury Risk in Female Athletes: A Prospective Study. American Journal of Sports Medicine, 2005, 33, 492-501.	1.9	3,022
2	The Effect of Neuromuscular Training on the Incidence of Knee Injury in Female Athletes. American Journal of Sports Medicine, 1999, 27, 699-706.	1.9	1,297
3	Biomechanical Measures during Landing and Postural Stability Predict Second Anterior Cruciate Ligament Injury after Anterior Cruciate Ligament Reconstruction and Return to Sport. American Journal of Sports Medicine, 2010, 38, 1968-1978.	1.9	1,003
4	Mechanisms of Anterior Cruciate Ligament Injury in Basketball. American Journal of Sports Medicine, 2007, 35, 359-367.	1.9	923
5	Plyometric Training in Female Athletes. American Journal of Sports Medicine, 1996, 24, 765-773.	1.9	886
6	Anterior Cruciate Ligament Injuries in Female Athletes. American Journal of Sports Medicine, 2006, 34, 299-311.	1.9	742
7	Valgus Knee Motion during Landing in High School Female and Male Basketball Players. Medicine and Science in Sports and Exercise, 2003, 35, 1745-1750.	0.2	733
8	Deficits in Neuromuscular Control of the Trunk Predict Knee Injury Risk. American Journal of Sports Medicine, 2007, 35, 1123-1130.	1.9	723
9	Incidence of Second ACL Injuries 2 Years After Primary ACL Reconstruction and Return to Sport. American Journal of Sports Medicine, 2014, 42, 1567-1573.	1.9	593
10	PKC-Î± regulates cardiac contractility and propensity toward heart failure. Nature Medicine, 2004, 10, 248-254.	15.2	551
11	Anterior Cruciate Ligament Injuries in Female Athletes. American Journal of Sports Medicine, 2006, 34, 490-498.	1.9	541
12	Risk Factors and Predictors of Subsequent ACL Injury in Either Knee After ACL Reconstruction. American Journal of Sports Medicine, 2015, 43, 1583-1590.	1.9	450
13	Rehabilitation After Anterior Cruciate Ligament Reconstruction: Criteria-Based Progression Through the Return-to-Sport Phase. Journal of Orthopaedic and Sports Physical Therapy, 2006, 36, 385-402.	1.7	418
14	GDF15/MIC-1 Functions As a Protective and Antihypertrophic Factor Released From the Myocardium in Association With SMAD Protein Activation. Circulation Research, 2006, 98, 342-350.	2.0	418
15	High Tibial Osteotomy and Ligament Reconstruction for Varus Angulated Anterior Cruciate Ligament-Deficient Knees. American Journal of Sports Medicine, 2000, 28, 282-296.	1.9	374
16	The Effects of Plyometric versus Dynamic Stabilization and Balance Training on Lower Extremity Biomechanics. American Journal of Sports Medicine, 2006, 34, 445-455.	1.9	366
17	Ca2+- and mitochondrial-dependent cardiomyocyte necrosis as a primary mediator of heart failure. Journal of Clinical Investigation, 2007, 117, 2431-2444.	3.9	359
18	Video Analysis of Anterior Cruciate Ligament Injury. American Journal of Sports Medicine, 2009, 37, 252-259.	1.9	355

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19	Limb Asymmetries in Landing and Jumping 2 Years Following Anterior Cruciate Ligament Reconstruction. Clinical Journal of Sport Medicine, 2007, 17, 258-262.	0.9	344
20	The Impact of Quadriceps Femoris Strength Asymmetry on Functional Performance at Return to Sport Following Anterior Cruciate Ligament Reconstruction. Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, 750-759.	1.7	340
21	The Effects of Core Proprioception on Knee Injury. American Journal of Sports Medicine, 2007, 35, 368-373.	1.9	326
22	Current Concepts for Injury Prevention in Athletes After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2013, 41, 216-224.	1.9	317
23	The Effects of Generalized Joint Laxity on Risk of Anterior Cruciate Ligament Injury in Young Female Athletes. American Journal of Sports Medicine, 2008, 36, 1073-1080.	1.9	299
24	The Relationship of Hamstrings and Quadriceps Strength to Anterior Cruciate Ligament Injury in Female Athletes. Clinical Journal of Sport Medicine, 2009, 19, 3-8.	0.9	299
25	Association Between the Menstrual Cycle and Anterior Cruciate Ligament Injuries in Female Athletes. American Journal of Sports Medicine, 1998, 26, 614-619.	1.9	298
26	Hamstring Autograft versus Patellar Tendon Autograft for ACL Reconstruction: Is There a Difference in Graft Failure Rate? A Meta-analysis of 47,613 Patients. Clinical Orthopaedics and Related Research, 2017, 475, 2459-2468.	0.7	274
27	The Influence of Age on the Effectiveness of Neuromuscular Training to Reduce Anterior Cruciate Ligament Injury in Female Athletes. American Journal of Sports Medicine, 2013, 41, 203-215.	1.9	270
28	Neuromuscular Training Improves Single-Limb Stability in Young Female Athletes. Journal of Orthopaedic and Sports Physical Therapy, 2004, 34, 305-316.	1.7	267
29	Noncontact Anterior Cruciate Ligament Injuries: Mechanisms and Risk Factors. Journal of the American Academy of Orthopaedic Surgeons, The, 2010, 18, 520-527.	1.1	266
30	Targeted inhibition of p38 MAPK promotes hypertrophic cardiomyopathy through upregulation of calcineurin-NFAT signaling. Journal of Clinical Investigation, 2003, 111, 1475-1486.	3.9	265
31	Should Return to Sport be Delayed Until 2ÂYears After Anterior Cruciate Ligament Reconstruction? Biological and Functional Considerations. Sports Medicine, 2017, 47, 221-232.	3.1	260
32	Maturation Leads to Gender Differences in Landing Force and Vertical Jump Performance. American Journal of Sports Medicine, 2006, 34, 806-813.	1.9	257
33	Neuromuscular Training Improves Performance on the Star Excursion Balance Test in Young Female Athletes. Journal of Orthopaedic and Sports Physical Therapy, 2010, 40, 551-558.	1.7	257
34	The incidence and potential pathomechanics of patellofemoral pain in female athletes. Clinical Biomechanics, 2010, 25, 700-707.	0.5	242
35	The Effects of Plyometric vs. Dynamic Stabilization and Balance Training on Power, Balance, and Landing Force in Female Athletes. Journal of Strength and Conditioning Research, 2006, 20, 345.	1.0	240
36	Genetic variability in forced and voluntary endurance exercise performance in seven inbred mouse strains. Journal of Applied Physiology, 2002, 92, 2245-2255.	1.2	238

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37	AOSSM Early Sport Specialization Consensus Statement. Orthopaedic Journal of Sports Medicine, 2016, 4, 232596711664424.	0.8	236
38	Strength Asymmetry and Landing Mechanics at Return to Sport after Anterior Cruciate Ligament Reconstruction. Medicine and Science in Sports and Exercise, 2015, 47, 1426-1434.	0.2	227
39	Lower limb alignment and foot angle are related to stance phase knee adduction in normal subjects: A critical analysis of the reliability of gait analysis data. Journal of Orthopaedic Research, 1996, 14, 289-295.	1.2	224
40	Neuromuscular and Hormonal Factors Associated With Knee Injuries in Female Athletes. Sports Medicine, 2000, 29, 313-327.	3.1	221
41	Gender Comparison of Hip Muscle Activity During Single-Leg Landing. Journal of Orthopaedic and Sports Physical Therapy, 2005, 35, 292-299.	1.7	220
42	Utilization of Modified NFL Combine Testing to Identify Functional Deficits in Athletes Following ACL Reconstruction. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 377-387.	1.7	216
43	The Mechanistic Connection Between the Trunk, Hip, Knee, and Anterior Cruciate Ligament Injury. Exercise and Sport Sciences Reviews, 2011, 39, 161-166.	1.6	215
44	Reliability of Landing 3D Motion Analysis. Medicine and Science in Sports and Exercise, 2007, 39, 2021-2028.	0.2	213
45	Cardiac troponin T mutations result in allele-specific phenotypes in a mouse model for hypertrophic cardiomyopathy. Journal of Clinical Investigation, 1999, 104, 469-481.	3.9	213
46	Longitudinal Sex Differences during Landing in Knee Abduction in Young Athletes. Medicine and Science in Sports and Exercise, 2010, 42, 1923-1931.	0.2	206
47	High knee abduction moments are common risk factors for patellofemoral pain (PFP) and anterior cruciate ligament (ACL) injury in girls: Is PFP itself a predictor for subsequent ACL injury?. British Journal of Sports Medicine, 2015, 49, 118-122.	3.1	205
48	Sport Specializationâ€™s Association With an Increased Risk of Developing Anterior Knee Pain in Adolescent Female Athletes. Journal of Sport Rehabilitation, 2015, 24, 31-35.	0.4	196
49	Effects of the Menstrual Cycle on Anterior Cruciate Ligament Injury Risk. American Journal of Sports Medicine, 2007, 35, 659-668.	1.9	194
50	Trunk and Hip Control Neuromuscular Training for the Prevention of Knee Joint Injury. Clinics in Sports Medicine, 2008, 27, 425-448.	0.9	194
51	A systematic review of sensorimotor function during adolescence: a developmental stage of increased motor awkwardness?. British Journal of Sports Medicine, 2012, 46, 649-655.	3.1	192
52	When to Initiate Integrative Neuromuscular Training to Reduce Sports-Related Injuries and Enhance Health in Youth?. Current Sports Medicine Reports, 2011, 10, 155-166.	0.5	191
53	Hamstrings to quadriceps peak torque ratios diverge between sexes with increasing isokinetic angular velocity. Journal of Science and Medicine in Sport, 2008, 11, 452-459.	0.6	184
54	Mechanisms, prediction, and prevention of ACL injuries: Cut risk with three sharpened and validated tools. Journal of Orthopaedic Research, 2016, 34, 1843-1855.	1.2	182

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55	Cardiac Physiology in Transgenic Mice. Circulation Research, 1998, 82, 407-415.	2.0	181
56	The effects of gender on quadriceps muscle activation strategies during a maneuver that mimics a high ACL injury risk position. Journal of Electromyography and Kinesiology, 2005, 15, 181-189.	0.7	181
57	Development and Validation of a Clinic-Based Prediction Tool to Identify Female Athletes at High Risk for Anterior Cruciate Ligament Injury. American Journal of Sports Medicine, 2010, 38, 2025-2033.	1.9	176
58	What is the Evidence for and Validity of Return-to-Sport Testing after Anterior Cruciate Ligament Reconstruction Surgery? A Systematic Review and Meta-Analysis. Sports Medicine, 2019, 49, 917-929.	3.1	176
59	Diagnosis of Complete and Partial Posterior Cruciate Ligament Ruptures. American Journal of Sports Medicine, 1997, 25, 648-655.	1.9	175
60	Young Athletes With Quadriceps Femoris Strength Asymmetry at Return to Sport After Anterior Cruciate Ligament Reconstruction Demonstrate Asymmetric Single-Leg Drop-Landing Mechanics. American Journal of Sports Medicine, 2015, 43, 2727-2737.	1.9	175
61	Specific exercise effects of preventive neuromuscular training intervention on anterior cruciate ligament injury risk reduction in young females: meta-analysis and subgroup analysis. British Journal of Sports Medicine, 2015, 49, 282-289.	3.1	167
62	Rationale and Clinical Techniques for Anterior Cruciate Ligament Injury Prevention Among Female Athletes. Journal of Athletic Training, 2004, 39, 352-364.	0.9	167
63	A comparison of dynamic coronal plane excursion between matched male and female athletes when performing single leg landings. Clinical Biomechanics, 2006, 21, 33-40.	0.5	163
64	Altered focal adhesion regulation correlates with cardiomyopathy in mice expressing constitutively active rac1. Journal of Clinical Investigation, 2000, 105, 875-886.	3.9	163
65	Reducing Knee and Anterior Cruciate Ligament Injuries Among Female Athletes â€“ A Systematic Review of Neuromuscular Training Interventions. Journal of Knee Surgery, 2005, 18, 82-88.	0.9	162
66	Metaâ€analysis of metaâ€analyses of anterior cruciate ligament injury reduction training programs. Journal of Orthopaedic Research, 2018, 36, 2696-2708.	1.2	162
67	The effects of gender and pubertal status on generalized joint laxity in young athletes. Journal of Science and Medicine in Sport, 2008, 11, 257-263.	0.6	160
68	Incidence of First-Time Lateral Patellar Dislocation: A 21-Year Population-Based Study. Sports Health, 2018, 10, 146-151.	1.3	160
69	A â€˜Planeâ€™ Explanation of Anterior Cruciate Ligament Injury Mechanisms. Sports Medicine, 2010, 40, 729-746.	3.1	155
70	Compliance With Neuromuscular Training and Anterior Cruciate Ligament Injury Risk Reduction in Female Athletes: A Meta-Analysis. Journal of Athletic Training, 2012, 47, 714-723.	0.9	155
71	No Association of Time From Surgery With Functional Deficits in Athletes After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2012, 40, 2256-2263.	1.9	153
72	Anterior Cruciate Ligament Reconstruction Rehabilitation. Sports Health, 2015, 7, 239-243.	1.3	152

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73	Factors Associated With Psychological Readiness to Return to Sport After Anterior Cruciate Ligament Reconstruction Surgery. American Journal of Sports Medicine, 2018, 46, 1545-1550.	1.9	151
74	Biomechanics laboratory-based prediction algorithm to identify female athletes with high knee loads that increase risk of ACL injury. British Journal of Sports Medicine, 2011, 45, 245-252.	3.1	150
75	Clinically Relevant Injury Patterns After an Anterior Cruciate Ligament Injury Provide Insight Into Injury Mechanisms. American Journal of Sports Medicine, 2013, 41, 385-395.	1.9	149
76	Anterior Cruciate Ligament Injuries: Diagnosis, Treatment, and Prevention. Pediatrics, 2014, 133, e1437-e1450.	1.0	147
77	The Influence of Quadriceps Strength Asymmetry on Patient-Reported Function at Time of Return to Sport After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2015, 43, 2242-2249.	1.9	147
78	Neuromuscular Training to Target Deficits Associated With Second Anterior Cruciate Ligament Injury. Journal of Orthopaedic and Sports Physical Therapy, 2013, 43, 777-A11.	1.7	146
79	Gender differences in the kinematics of unanticipated cutting in young athletes. Medicine and Science in Sports and Exercise, 2005, 37, 124-9.	0.2	146
80	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. British Journal of Sports Medicine, 2012, 46, 979-988.	3.1	144
81	Psychological Readiness to Return to Sport Is Associated With Second Anterior Cruciate Ligament Injuries. American Journal of Sports Medicine, 2019, 47, 857-862.	1.9	143
82	In Vivo Evidence for Tibial Plateau Slope as a Risk Factor for Anterior Cruciate Ligament Injury. American Journal of Sports Medicine, 2012, 40, 1673-1681.	1.9	142
83	Transgenic Modeling of a Cardiac Troponin I Mutation Linked to Familial Hypertrophic Cardiomyopathy. Circulation Research, 2000, 87, 805-811.	2.0	141
84	Pharmacological- and Gene Therapy-Based Inhibition of Protein Kinase CÎ±/Î² Enhances Cardiac Contractility and Attenuates Heart Failure. Circulation, 2006, 114, 574-582.	1.6	139
85	Musculoskeletal Injury Risk After Sport-Related Concussion: A Systematic Review and Meta-analysis. American Journal of Sports Medicine, 2019, 47, 1754-1762.	1.9	139
86	Longitudinal Effects of Maturation on Lower Extremity Joint Stiffness in Adolescent Athletes. American Journal of Sports Medicine, 2010, 38, 1829-1837.	1.9	133
87	The Effects of the Menstrual Cycle on Anterior Knee Laxity. Sports Medicine, 2006, 36, 847-862.	3.1	131
88	Optimization of the Anterior Cruciate Ligament Injury Prevention Paradigm: Novel Feedback Techniques to Enhance Motor Learning and Reduce Injury Risk. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 170-182.	1.7	130
89	A Prospective Study of High School Wrestling Injuries. American Journal of Sports Medicine, 2000, 28, 509-515.	1.9	129
90	Clinical Factors That Predict a Second ACL Injury After ACL Reconstruction and Return to Sport: Preliminary Development of a Clinical Decision Algorithm. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711774527.	0.8	123

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91	Understanding and preventing acl injuries: current biomechanical and epidemiologic considerations - update 2010. North American Journal of Sports Physical Therapy: NAJSPT, 2010, 5, 234-51.	0.1	123
92	National Athletic Trainers' Association Position Statement: Prevention of Anterior Cruciate Ligament Injury. Journal of Athletic Training, 2018, 53, 5-19.	0.9	118
93	Autograft Versus Nonirradiated Allograft Tissue for Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2014, 42, 492-499.	1.9	113
94	Preparticipation Physical Examination Using a Box Drop Vertical Jump Test in Young Athletes. Clinical Journal of Sport Medicine, 2006, 16, 298-304.	0.9	112
95	Exercise-Based Knee and Anterior Cruciate Ligament Injury Prevention. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, A1-A42.	1.7	111
96	Impact differences in ground reaction force and center of mass between the first and second landing phases of a drop vertical jump and their implications for injury risk assessment. Journal of Biomechanics, 2013, 46, 1237-1241.	0.9	110
97	New method to identify athletes at high risk of ACL injury using clinic-based measurements and freeware computer analysis. British Journal of Sports Medicine, 2011, 45, 238-244.	3.1	109
98	Genetic Inhibition or Activation of JNK1/2 Protects the Myocardium from Ischemia-Reperfusion-induced Cell Death in Vivo. Journal of Biological Chemistry, 2005, 280, 32602-32608.	1.6	105
99	Dosage Effects of Neuromuscular Training Intervention to Reduce Anterior Cruciate Ligament Injuries in Female Athletes: Meta- and Sub-Group Analyses. Sports Medicine, 2014, 44, 551-562.	3.1	105
100	Critical components of neuromuscular training to reduce ACL injury risk in female athletes: meta-regression analysis. British Journal of Sports Medicine, 2016, 50, 1259-1266.	3.1	105
101	Prevalence and Location of Bone Bruises Associated with Anterior Cruciate Ligament Injury and Implications for Mechanism of Injury: A Systematic Review. Sports Medicine, 2014, 44, 281-293.	3.1	104
102	Comparison of in-shoe foot loading patterns on natural grass and synthetic turf. Journal of Science and Medicine in Sport, 2006, 9, 433-440.	0.6	102
103	Effects of Sex on Compensatory Landing Strategies Upon Return to Sport After Anterior Cruciate Ligament Reconstruction. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 553-559.	1.7	100
104	Augmented Feedback Supports Skill Transfer and Reduces High-Risk Injury Landing Mechanics. American Journal of Sports Medicine, 2013, 41, 669-677.	1.9	100
105	Strain Response of the Anterior Cruciate Ligament to Uniplanar and Multiplanar Loads During Simulated Landings. American Journal of Sports Medicine, 2016, 44, 2087-2096.	1.9	100
106	Performance on the Modified Star Excursion Balance Test at the Time of Return to Sport Following Anterior Cruciate Ligament Reconstruction. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 444-452.	1.7	97
107	Analysis of Myosin Heavy Chain Functionality in the Heart. Journal of Biological Chemistry, 2003, 278, 17466-17474.	1.6	95
108	Epidemiology of Basketball, Soccer, and Volleyball Injuries in Middle-School Female Athletes. Physician and Sportsmedicine, 2014, 42, 146-153.	1.0	94

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109	Are Female Soccer Players at an Increased Risk of Second Anterior Cruciate Ligament Injury Compared With Their Athletic Peers?. American Journal of Sports Medicine, 2016, 44, 2492-2498.	1.9	94
110	In Vivo Modeling of Myosin Binding Protein C Familial Hypertrophic Cardiomyopathy. Circulation Research, 1999, 85, 841-847.	2.0	93
111	Young Athletes After Anterior Cruciate Ligament Reconstruction Cleared for Sports Participation: How Many Actually Meet Recommended Return-to-Sport Criteria Cutoffs?. Journal of Orthopaedic and Sports Physical Therapy, 2017, 47, 1-27.	1.7	93
112	Estimating 3D joint kinematics from video sequences of running and cutting maneuversâ€"assessing the accuracy of simple visual inspection. Gait and Posture, 2007, 26, 378-385.	0.6	92
113	Sex Differences in Proximal Control of the Knee Joint. Sports Medicine, 2011, 41, 541-557.	3.1	92
114	Incidence of Second Anterior Cruciate Ligament Tears and Identification of Associated Risk Factors From 2001 to 2010 Using a Geographic Database. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711772419.	0.8	91
115	Gender differences in hip adduction motion and torque during a single-leg agility maneuver. Journal of Orthopaedic Research, 2006, 24, 416-421.	1.2	89
116	Proprioceptive deficits after ACL injury: are they clinically relevant?. British Journal of Sports Medicine, 2012, 46, 180-192.	3.1	89
117	Knee Hyperextension Galt Abnormalities in Unstable Knees. American Journal of Sports Medicine, 1996, 24, 35-45.	1.9	87
118	The Recurrent Instability of the Patella Score: A Statistically Based Model for Prediction of Long-Term Recurrence Risk After First-Time Dislocation. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 537-543.	1.3	87
119	Did the NFL Lockout Expose the Achilles Heel of Competitive Sports?. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 702-705.	1.7	86
120	Feedback Techniques to Target Functional Deficits Following Anterior Cruciate Ligament Reconstruction: Implications for Motor Control and Reduction of Second Injury Risk. Sports Medicine, 2013, 43, 1065-1074.	3.1	86
121	High rate of recurrent patellar dislocation in skeletally immature patients: a long-term population-based study. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1037-1043.	2.3	86
122	Use of an Overhead Goal Alters Vertical Jump Performance and Biomechanics. Journal of Strength and Conditioning Research, 2005, 19, 394.	1.0	84
123	Calcineurin A Î² Gene Targeting Predisposes the Myocardium to Acute Ischemia-Induced Apoptosis and Dysfunction. Circulation Research, 2004, 94, 91-99.	2.0	77
124	Clinical correlates to laboratory measures for use in non-contact anterior cruciate ligament injury risk prediction algorithm. Clinical Biomechanics, 2010, 25, 693-699.	0.5	77
125	Preferential Loading of the ACL Compared With the MCL During Landing. American Journal of Sports Medicine, 2014, 42, 177-186.	1.9	77
126	Foot and Hip Contributions to High Frontal Plane Knee Projection Angle in Athletes: A Classification and Regression Tree Approach. Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, 996-1004.	1.7	76

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127	Factors Associated With a Return to Preinjury Level of Sport Performance After Anterior Cruciate Ligament Reconstruction Surgery. American Journal of Sports Medicine, 2019, 47, 2557-2562.	1.9	76
128	Longitudinal Increases in Knee Abduction Moments in Females during Adolescent Growth. Medicine and Science in Sports and Exercise, 2015, 47, 2579-2585.	0.2	75
129	Kinetic and kinematic differences between first and second landings of a drop vertical jump task: Implications for injury risk assessments. Clinical Biomechanics, 2013, 28, 459-466.	0.5	74
130	Effect of High-Grade Preoperative Knee Laxity on Anterior Cruciate Ligament Reconstruction Outcomes. American Journal of Sports Medicine, 2016, 44, 3077-3082.	1.9	73
131	Young athletes after ACL reconstruction with quadriceps strength asymmetry at the time of return-to-sport demonstrate decreased knee function 1Âyear later. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 426-433.	2.3	73
132	The Effects of Injury Prevention Programs on the Biomechanics of Landing Tasks: A Systematic Review With Meta-analysis. American Journal of Sports Medicine, 2018, 46, 1492-1499.	1.9	71
133	Transgenic Remodeling of the Regulatory Myosin Light Chains in the Mammalian Heart. Circulation Research, 1997, 80, 655-664.	2.0	70
134	The Utility of Limb Symmetry Indices in Return-to-Sport Assessment in Patients With Bilateral Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 2030-2038.	1.9	69
135	Long-term rate of graft failure after ACL reconstruction: a geographic population cohort analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 222-228.	2.3	69
136	Knee and Hip Loading Patterns at Different Phases in the Menstrual Cycle. American Journal of Sports Medicine, 2007, 35, 793-800.	1.9	67
137	Preventive Biomechanics: A Paradigm Shift With a Translational Approach to Injury Prevention. American Journal of Sports Medicine, 2017, 45, 2654-2664.	1.9	67
138	Methodological approaches and rationale for training to prevent anterior cruciate ligament injuries in female athletes. Scandinavian Journal of Medicine and Science in Sports, 2004, 14, 275-285.	1.3	65
139	Preferential Quadriceps Activation in Female Athletes With Incremental Increases in Landing Intensity. Journal of Applied Biomechanics, 2011, 27, 215-222.	0.3	65
140	Hop tests can result in higher limb symmetry index values than isokinetic strength and leg press tests in patients following ACL reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 816-822.	2.3	63
141	The â€˜impactâ€™ of force filtering cut-off frequency on the peak knee abduction moment during landing: artefact or â€˜artifictionâ€™?. British Journal of Sports Medicine, 2014, 48, 464-468.	3.1	62
142	Anterior cruciate ligament biomechanics during robotic and mechanical simulations of physiologic and clinical motion tasks: A systematic review and meta-analysis. Clinical Biomechanics, 2015, 30, 1-13.	0.5	62
143	Effectiveness of Neuromuscular Training Based on the Neuromuscular Risk Profile. American Journal of Sports Medicine, 2017, 45, 2142-2147.	1.9	62
144	Functional testing and return to sport following stabilization surgery for recurrent lateral patellar instability in competitive athletes. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 711-718.	2.3	62

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145	Differences in neuromuscular strategies between landing and cutting tasks in female basketball and soccer athletes. Journal of Athletic Training, 2006, 41, 67-73.	0.9	60
146	Hamstring Strength Asymmetry at 3 Years After Anterior Cruciate Ligament Reconstruction Alters Knee Mechanics During Gait and Jogging. American Journal of Sports Medicine, 2017, 45, 97-105.	1.9	59
147	A School-Based Neuromuscular Training Program and Sport-Related Injury Incidence: A Prospective Randomized Controlled Clinical Trial. Journal of Athletic Training, 2018, 53, 20-28.	0.9	59
148	Multiplanar Loading of the Knee and Its Influence on Anterior Cruciate Ligament and Medial Collateral Ligament Strain During Simulated Landings and Noncontact Tears. American Journal of Sports Medicine, 2019, 47, 1844-1853.	1.9	59
149	Effect of High-Grade Preoperative Knee Laxity on 6-Year Anterior Cruciate Ligament Reconstruction Outcomes. American Journal of Sports Medicine, 2018, 46, 2865-2872.	1.9	57
150	In Vivo Analysis of an Essential Myosin Light Chain Mutation Linked to Familial Hypertrophic Cardiomyopathy. Circulation Research, 2000, 87, 296-302.	2.0	54
151	Expected Prevalence From the Differential Diagnosis of Anterior Knee Pain in Adolescent Female Athletes During Preparticipation Screening. Journal of Athletic Training, 2012, 47, 519-524.	0.9	54
152	Prospectively identified deficits in sagittal plane hipâ€“ankle coordination in female athletes who sustain a second anterior cruciate ligament injury after anterior cruciate ligament reconstruction and return to sport. Clinical Biomechanics, 2015, 30, 1094-1101.	0.5	54
153	Effects of Task-Specific Augmented Feedback on Deficit Modification During Performance of the Tuck-Jump Exercise. Journal of Sport Rehabilitation, 2013, 22, 7-18.	0.4	52
154	Do exercises used in injury prevention programmes modify cutting task biomechanics? A systematic review with meta-analysis. British Journal of Sports Medicine, 2015, 49, 673-680.	3.1	52
155	Sport Specialization and Coordination Differences in Multisport Adolescent Female Basketball, Soccer, and Volleyball Athletes. Journal of Athletic Training, 2019, 54, 1105-1114.	0.9	52
156	Smaller Change in Psychological Readiness to Return to Sport Is Associated With Second Anterior Cruciate Ligament Injury Among Younger Patients. American Journal of Sports Medicine, 2019, 47, 1209-1215.	1.9	52
157	Clinical Outcomes in Revision Anterior Cruciate Ligament Reconstruction: A Meta-analysis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 289-300.	1.3	52
158	Longitudinal Assessment of Noncontact Anterior Cruciate Ligament Injury Risk Factors During Maturation in a Female Athlete: A Case Report. Journal of Athletic Training, 2009, 44, 101-109.	0.9	51
159	The Effect of Sex and Age on Isokinetic Hip-Abduction Torques. Journal of Sport Rehabilitation, 2013, 22, 41-46.	0.4	51
160	Physical and Arthroscopic Examination Techniques of the Patellofemoral Joint. Journal of Orthopaedic and Sports Physical Therapy, 1998, 28, 277-285.	1.7	50
161	Injury initiates unfavourable weight gain and obesity markers in youth. British Journal of Sports Medicine, 2014, 48, 1477-1481.	3.1	50
162	Timing sequence of multi-planar knee kinematics revealed by physiologic cadaveric simulation of landing: Implications for ACL injury mechanism. Clinical Biomechanics, 2014, 29, 75-82.	0.5	50

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164	Is Fatigue a Risk Factor for Anterior Cruciate Ligament Rupture?. Sports Medicine, 2019, 49, 1629-1635.	3.1	50
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