

# Timothy E Hewett

## List of Publications by Citations

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339  
papers

29,461  
citations

90  
h-index

165  
g-index

362  
ext. papers

33,014  
ext. citations

4.8  
avg, IF

7.36  
L-index

#	Paper	IF	Citations
339	Biomechanical measures of neuromuscular control and valgus loading of the knee predict anterior cruciate ligament injury risk in female athletes: a prospective study. <i>American Journal of Sports Medicine</i> , <b>2005</b> , 33, 492-501	6.8	2400
338	The effect of neuromuscular training on the incidence of knee injury in female athletes. A prospective study. <i>American Journal of Sports Medicine</i> , <b>1999</b> , 27, 699-706	6.8	1141
337	Biomechanical measures during landing and postural stability predict second anterior cruciate ligament injury after anterior cruciate ligament reconstruction and return to sport. <i>American Journal of Sports Medicine</i> , <b>2010</b> , 38, 1968-78	6.8	809
336	Plyometric training in female athletes. Decreased impact forces and increased hamstring torques. <i>American Journal of Sports Medicine</i> , <b>1996</b> , 24, 765-73	6.8	768
335	Mechanisms of anterior cruciate ligament injury in basketball: video analysis of 39 cases. <i>American Journal of Sports Medicine</i> , <b>2007</b> , 35, 359-67	6.8	755
334	Anterior cruciate ligament injuries in female athletes: Part 1, mechanisms and risk factors. <i>American Journal of Sports Medicine</i> , <b>2006</b> , 34, 299-311	6.8	627
333	Valgus knee motion during landing in high school female and male basketball players. <i>Medicine and Science in Sports and Exercise</i> , <b>2003</b> , 35, 1745-50	1.2	624
332	Deficits in neuromuscular control of the trunk predict knee injury risk: a prospective biomechanical-epidemiologic study. <i>American Journal of Sports Medicine</i> , <b>2007</b> , 35, 1123-30	6.8	608
331	PKC-alpha regulates cardiac contractility and propensity toward heart failure. <i>Nature Medicine</i> , <b>2004</b> , 10, 248-54	50.5	479
330	Anterior cruciate ligament injuries in female athletes: Part 2, a meta-analysis of neuromuscular interventions aimed at injury prevention. <i>American Journal of Sports Medicine</i> , <b>2006</b> , 34, 490-8	6.8	469
329	Incidence of Second ACL Injuries 2 Years After Primary ACL Reconstruction and Return to Sport. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 1567-73	6.8	452
328	Rehabilitation after anterior cruciate ligament reconstruction: criteria-based progression through the return-to-sport phase. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2006</b> , 36, 385-402	4.2	340
327	GDF15/MIC-1 functions as a protective and antihypertrophic factor released from the myocardium in association with SMAD protein activation. <i>Circulation Research</i> , <b>2006</b> , 98, 342-50	15.7	337
326	Risk Factors and Predictors of Subsequent ACL Injury in Either Knee After ACL Reconstruction: Prospective Analysis of 2488 Primary ACL Reconstructions From the MOON Cohort. <i>American Journal of Sports Medicine</i> , <b>2015</b> , 43, 1583-90	6.8	329
325	The effects of plyometric versus dynamic stabilization and balance training on lower extremity biomechanics. <i>American Journal of Sports Medicine</i> , <b>2006</b> , 34, 445-55	6.8	323
324	Ca <sup>2+</sup> - and mitochondrial-dependent cardiomyocyte necrosis as a primary mediator of heart failure. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 2431-44	15.9	317
323	High tibial osteotomy and ligament reconstruction for varus angulated anterior cruciate ligament-deficient knees. <i>American Journal of Sports Medicine</i> , <b>2000</b> , 28, 282-96	6.8	314

322	Limb asymmetries in landing and jumping 2 years following anterior cruciate ligament reconstruction. <i>Clinical Journal of Sport Medicine</i> , <b>2007</b> , 17, 258-62	3.2	293
321	Video analysis of anterior cruciate ligament injury: abnormalities in hip and ankle kinematics. <i>American Journal of Sports Medicine</i> , <b>2009</b> , 37, 252-9	6.8	287
320	The impact of quadriceps femoris strength asymmetry on functional performance at return to sport following anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2012</b> , 42, 750-9	4.2	272
319	The effects of core proprioception on knee injury: a prospective biomechanical-epidemiological study. <i>American Journal of Sports Medicine</i> , <b>2007</b> , 35, 368-73	6.8	268
318	Association between the menstrual cycle and anterior cruciate ligament injuries in female athletes. <i>American Journal of Sports Medicine</i> , <b>1998</b> , 26, 614-9	6.8	265
317	Current concepts for injury prevention in athletes after anterior cruciate ligament reconstruction. <i>American Journal of Sports Medicine</i> , <b>2013</b> , 41, 216-24	6.8	257
316	The relationship of hamstrings and quadriceps strength to anterior cruciate ligament injury in female athletes. <i>Clinical Journal of Sport Medicine</i> , <b>2009</b> , 19, 3-8	3.2	254
315	The effects of generalized joint laxity on risk of anterior cruciate ligament injury in young female athletes. <i>American Journal of Sports Medicine</i> , <b>2008</b> , 36, 1073-80	6.8	251
314	Targeted inhibition of p38 MAPK promotes hypertrophic cardiomyopathy through upregulation of calcineurin-NFAT signaling. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 1475-1486	15.9	245
313	The influence of age on the effectiveness of neuromuscular training to reduce anterior cruciate ligament injury in female athletes: a meta-analysis. <i>American Journal of Sports Medicine</i> , <b>2013</b> , 41, 203-15	6.8	226
312	Neuromuscular training improves single-limb stability in young female athletes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2004</b> , 34, 305-16	4.2	226
311	Genetic variability in forced and voluntary endurance exercise performance in seven inbred mouse strains. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 2245-55	3.7	213
310	Maturation leads to gender differences in landing force and vertical jump performance: a longitudinal study. <i>American Journal of Sports Medicine</i> , <b>2006</b> , 34, 806-13	6.8	209
309	The incidence and potential pathomechanics of patellofemoral pain in female athletes. <i>Clinical Biomechanics</i> , <b>2010</b> , 25, 700-7	2.2	200
308	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. <i>Journal of Orthopaedic Research</i> , <b>1996</b> , 14, 289-95	3.8	200
307	Noncontact anterior cruciate ligament injuries: mechanisms and risk factors. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , <b>2010</b> , 18, 520-7	4.5	197
306	Neuromuscular training improves performance on the star excursion balance test in young female athletes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2010</b> , 40, 551-8	4.2	196
305	The effects of plyometric vs. dynamic stabilization and balance training on power, balance, and landing force in female athletes. <i>Journal of Strength and Conditioning Research</i> , <b>2006</b> , 20, 345-53	3.2	193

304	Gender comparison of hip muscle activity during single-leg landing. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2005</b> , 35, 292-9	4.2	188
303	Strength Asymmetry and Landing Mechanics at Return to Sport after Anterior Cruciate Ligament Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1426-34	1.2	185
302	Longitudinal sex differences during landing in knee abduction in young athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 1923-31	1.2	182
301	Utilization of modified NFL combine testing to identify functional deficits in athletes following ACL reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 377-87	4.2	178
300	The mechanistic connection between the trunk, hip, knee, and anterior cruciate ligament injury. <i>Exercise and Sport Sciences Reviews</i> , <b>2011</b> , 39, 161-6	6.7	176
299	Reliability of landing 3D motion analysis: implications for longitudinal analyses. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 2021-8	1.2	176
298	Should Return to Sport be Delayed Until 2 Years After Anterior Cruciate Ligament Reconstruction? Biological and Functional Considerations. <i>Sports Medicine</i> , <b>2017</b> , 47, 221-232	10.6	175
297	Cardiac troponin T mutations result in allele-specific phenotypes in a mouse model for hypertrophic cardiomyopathy. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 469-81	15.9	174
296	AOSSM Early Sport Specialization Consensus Statement. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2016</b> , 4, 2325967116644241	3.5	169
295	Hamstring Autograft versus Patellar Tendon Autograft for ACL Reconstruction: Is There a Difference in Graft Failure Rate? A Meta-analysis of 47,613 Patients. <i>Clinical Orthopaedics and Related Research</i> , <b>2017</b> , 475, 2459-2468	2.2	166
294	Neuromuscular and hormonal factors associated with knee injuries in female athletes. Strategies for intervention. <i>Sports Medicine</i> , <b>2000</b> , 29, 313-27	10.6	166
293	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?. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 118-22	10.3	164
292	Trunk and hip control neuromuscular training for the prevention of knee joint injury. <i>Clinics in Sports Medicine</i> , <b>2008</b> , 27, 425-48, ix	2.6	164
291	Effects of the menstrual cycle on anterior cruciate ligament injury risk: a systematic review. <i>American Journal of Sports Medicine</i> , <b>2007</b> , 35, 659-68	6.8	161
290	Cardiac physiology in transgenic mice. <i>Circulation Research</i> , <b>1998</b> , 82, 407-15	15.7	161
289	Diagnosis of complete and partial posterior cruciate ligament ruptures. Stress radiography compared with KT-1000 arthrometer and posterior drawer testing. <i>American Journal of Sports Medicine</i> , <b>1997</b> , 25, 648-55	6.8	155
288	The effects of gender on quadriceps muscle activation strategies during a maneuver that mimics a high ACL injury risk position. <i>Journal of Electromyography and Kinesiology</i> , <b>2005</b> , 15, 181-9	2.5	155
287	When to initiate integrative neuromuscular training to reduce sports-related injuries and enhance health in youth?. <i>Current Sports Medicine Reports</i> , <b>2011</b> , 10, 155-66	1.9	153

286	Rationale and Clinical Techniques for Anterior Cruciate Ligament Injury Prevention Among Female Athletes. <i>Journal of Athletic Training</i> , <b>2004</b> , 39, 352-364	4	151
285	Sport specialization association with an increased risk of developing anterior knee pain in adolescent female athletes. <i>Journal of Sport Rehabilitation</i> , <b>2015</b> , 24, 31-5	1.7	150
284	A comparison of dynamic coronal plane excursion between matched male and female athletes when performing single leg landings. <i>Clinical Biomechanics</i> , <b>2006</b> , 21, 33-40	2.2	148
283	Development and validation of a clinic-based prediction tool to identify female athletes at high risk for anterior cruciate ligament injury. <i>American Journal of Sports Medicine</i> , <b>2010</b> , 38, 2025-33	6.8	143
282	Altered focal adhesion regulation correlates with cardiomyopathy in mice expressing constitutively active rac1. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 105, 875-86	15.9	141
281	Young Athletes With Quadriceps Femoris Strength Asymmetry at Return to Sport After Anterior Cruciate Ligament Reconstruction Demonstrate Asymmetric Single-Leg Drop-Landing Mechanics. <i>American Journal of Sports Medicine</i> , <b>2015</b> , 43, 2727-37	6.8	138
280	Hamstrings to quadriceps peak torque ratios diverge between sexes with increasing isokinetic angular velocity. <i>Journal of Science and Medicine in Sport</i> , <b>2008</b> , 11, 452-9	4.4	138
279	A systematic review of sensorimotor function during adolescence: a developmental stage of increased motor awkwardness?. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 649-55	10.3	137
278	Reducing knee and anterior cruciate ligament injuries among female athletes: a systematic review of neuromuscular training interventions. <i>Journal of Knee Surgery</i> , <b>2005</b> , 18, 82-8	2.4	135
277	No association of time from surgery with functional deficits in athletes after anterior cruciate ligament reconstruction: evidence for objective return-to-sport criteria. <i>American Journal of Sports Medicine</i> , <b>2012</b> , 40, 2256-63	6.8	130
276	Transgenic modeling of a cardiac troponin I mutation linked to familial hypertrophic cardiomyopathy. <i>Circulation Research</i> , <b>2000</b> , 87, 805-11	15.7	130
275	Specific exercise effects of preventive neuromuscular training intervention on anterior cruciate ligament injury risk reduction in young females: meta-analysis and subgroup analysis. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 282-9	10.3	129
274	Evaluation of the effectiveness of neuromuscular training to reduce anterior cruciate ligament injury in female athletes: a critical review of relative risk reduction and numbers-needed-to-treat analyses. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 979-88	10.3	129
273	Compliance with neuromuscular training and anterior cruciate ligament injury risk reduction in female athletes: a meta-analysis. <i>Journal of Athletic Training</i> , <b>2012</b> , 47, 714-23	4	129
272	The effects of gender and pubertal status on generalized joint laxity in young athletes. <i>Journal of Science and Medicine in Sport</i> , <b>2008</b> , 11, 257-63	4.4	128
271	Neuromuscular training to target deficits associated with second anterior cruciate ligament injury. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2013</b> , 43, 777-792, A1-11	4.2	125
270	Pharmacological- and gene therapy-based inhibition of protein kinase Calpha/beta enhances cardiac contractility and attenuates heart failure. <i>Circulation</i> , <b>2006</b> , 114, 574-82	16.7	122
269	Clinically relevant injury patterns after an anterior cruciate ligament injury provide insight into injury mechanisms. <i>American Journal of Sports Medicine</i> , <b>2013</b> , 41, 385-95	6.8	121

268	A 3D explanation of anterior cruciate ligament injury mechanisms: a systematic review. <i>Sports Medicine</i> , <b>2010</b> , 40, 729-46	10.6	120
267	Biomechanics laboratory-based prediction algorithm to identify female athletes with high knee loads that increase risk of ACL injury. <i>British Journal of Sports Medicine</i> , <b>2011</b> , 45, 245-52	10.3	120
266	Gender differences in the kinematics of unanticipated cutting in young athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 124-9	1.2	120
265	Meta-analysis of meta-analyses of anterior cruciate ligament injury reduction training programs. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 2696-2708	3.8	115
264	A prospective study of high school wrestling injuries. <i>American Journal of Sports Medicine</i> , <b>2000</b> , 28, 509-15	6.8	113
263	Understanding and preventing acl injuries: current biomechanical and epidemiologic considerations - update 2010. <i>North American Journal of Sports Physical Therapy: NAJSPT</i> , <b>2010</b> , 5, 234-51		113
262	The effects of the menstrual cycle on anterior knee laxity: a systematic review. <i>Sports Medicine</i> , <b>2006</b> , 36, 847-62	10.6	110
261	Longitudinal effects of maturation on lower extremity joint stiffness in adolescent athletes. <i>American Journal of Sports Medicine</i> , <b>2010</b> , 38, 1829-37	6.8	109
260	The influence of quadriceps strength asymmetry on patient-reported function at time of return to sport after anterior cruciate ligament reconstruction. <i>American Journal of Sports Medicine</i> , <b>2015</b> , 43, 2242-9	6.8	108
259	Anterior Cruciate Ligament Reconstruction Rehabilitation: MOON Guidelines. <i>Sports Health</i> , <b>2015</b> , 7, 239-43	4.7	108
258	Optimization of the anterior cruciate ligament injury prevention paradigm: novel feedback techniques to enhance motor learning and reduce injury risk. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2015</b> , 45, 170-82	4.2	107
257	What is the Evidence for and Validity of Return-to-Sport Testing after Anterior Cruciate Ligament Reconstruction Surgery? A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , <b>2019</b> , 49, 917-929	10.6	106
256	In vivo evidence for tibial plateau slope as a risk factor for anterior cruciate ligament injury: a systematic review and meta-analysis. <i>American Journal of Sports Medicine</i> , <b>2012</b> , 40, 1673-81	6.8	106
255	Mechanisms, prediction, and prevention of ACL injuries: Cut risk with three sharpened and validated tools. <i>Journal of Orthopaedic Research</i> , <b>2016</b> , 34, 1843-1855	3.8	105
254	Anterior cruciate ligament injuries: diagnosis, treatment, and prevention. <i>Pediatrics</i> , <b>2014</b> , 133, e1437-50	7.4	103
253	Preparticipation physical examination using a box drop vertical jump test in young athletes: the effects of puberty and sex. <i>Clinical Journal of Sport Medicine</i> , <b>2006</b> , 16, 298-304	3.2	103
252	Autograft versus nonirradiated allograft tissue for anterior cruciate ligament reconstruction: a systematic review. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 492-9	6.8	96
251	Genetic inhibition or activation of JNK1/2 protects the myocardium from ischemia-reperfusion-induced cell death in vivo. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 32602-8	5.4	96

250	New method to identify athletes at high risk of ACL injury using clinic-based measurements and freeware computer analysis. <i>British Journal of Sports Medicine</i> , <b>2011</b> , 45, 238-44	10.3	90
249	Comparison of in-shoe foot loading patterns on natural grass and synthetic turf. <i>Journal of Science and Medicine in Sport</i> , <b>2006</b> , 9, 433-40	4.4	90
248	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. <i>Journal of Biomechanics</i> , <b>2013</b> , 46, 1237-41	2.9	87
247	Analysis of myosin heavy chain functionality in the heart. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 17466-74	5.4	87
246	Exercise-Based Knee and Anterior Cruciate Ligament Injury Prevention. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2018</b> , 48, A1-A42	4.2	86
245	Augmented feedback supports skill transfer and reduces high-risk injury landing mechanics: a double-blind, randomized controlled laboratory study. <i>American Journal of Sports Medicine</i> , <b>2013</b> , 41, 669-77	6.8	85
244	Incidence of First-Time Lateral Patellar Dislocation: A 21-Year Population-Based Study. <i>Sports Health</i> , <b>2018</b> , 10, 146-151	4.7	85
243	Factors Associated With Psychological Readiness to Return to Sport After Anterior Cruciate Ligament Reconstruction Surgery. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 1545-1550	6.8	84
242	Clinical Factors That Predict a Second ACL Injury After ACL Reconstruction and Return to Sport: Preliminary Development of a Clinical Decision Algorithm. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2017</b> , 5, 2325967117745279	3.5	84
241	Effects of sex on compensatory landing strategies upon return to sport after anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 553-9	4.2	83
240	Prevalence and location of bone bruises associated with anterior cruciate ligament injury and implications for mechanism of injury: a systematic review. <i>Sports Medicine</i> , <b>2014</b> , 44, 281-93	10.6	82
239	Dosage effects of neuromuscular training intervention to reduce anterior cruciate ligament injuries in female athletes: meta- and sub-group analyses. <i>Sports Medicine</i> , <b>2014</b> , 44, 551-62	10.6	82
238	In vivo modeling of myosin binding protein C familial hypertrophic cardiomyopathy. <i>Circulation Research</i> , <b>1999</b> , 85, 841-7	15.7	82
237	National Athletic Trainers Association Position Statement: Prevention of Anterior Cruciate Ligament Injury. <i>Journal of Athletic Training</i> , <b>2018</b> , 53, 5-19	4	79
236	Psychological Readiness to Return to Sport Is Associated With Second Anterior Cruciate Ligament Injuries. <i>American Journal of Sports Medicine</i> , <b>2019</b> , 47, 857-862	6.8	79
235	Strain Response of the Anterior Cruciate Ligament to Uniplanar and Multiplanar Loads During Simulated Landings: Implications for Injury Mechanism. <i>American Journal of Sports Medicine</i> , <b>2016</b> , 44, 2087-96	6.8	78
234	Young Athletes Cleared for Sports Participation After Anterior Cruciate Ligament Reconstruction: How Many Actually Meet Recommended Return-to-Sport Criterion Cutoffs?. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2017</b> , 47, 825-833	4.2	77
233	Gender differences in hip adduction motion and torque during a single-leg agility maneuver. <i>Journal of Orthopaedic Research</i> , <b>2006</b> , 24, 416-21	3.8	77

232	Critical components of neuromuscular training to reduce ACL injury risk in female athletes: meta-regression analysis. <i>British Journal of Sports Medicine</i> , <b>2016</b> , 50, 1259-1266	10.3	76
231	Musculoskeletal Injury Risk After Sport-Related Concussion: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , <b>2019</b> , 47, 1754-1762	6.8	76
230	Knee hyperextension gait abnormalities in unstable knees. Recognition and preoperative gait retraining. <i>American Journal of Sports Medicine</i> , <b>1996</b> , 24, 35-45	6.8	76
229	Performance on the modified star excursion balance test at the time of return to sport following anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2015</b> , 45, 444-52	4.2	75
228	Estimating 3D joint kinematics from video sequences of running and cutting maneuvers--assessing the accuracy of simple visual inspection. <i>Gait and Posture</i> , <b>2007</b> , 26, 378-85	2.6	75
227	Proprioceptive deficits after ACL injury: are they clinically relevant?. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 180-92	10.3	74
226	Feedback techniques to target functional deficits following anterior cruciate ligament reconstruction: implications for motor control and reduction of second injury risk. <i>Sports Medicine</i> , <b>2013</b> , 43, 1065-74	10.6	73
225	Preferential loading of the ACL compared with the MCL during landing: a novel in sim approach yields the multiplanar mechanism of dynamic valgus during ACL injuries. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 177-86	6.8	71
224	Calcineurin Abeta gene targeting predisposes the myocardium to acute ischemia-induced apoptosis and dysfunction. <i>Circulation Research</i> , <b>2004</b> , 94, 91-9	15.7	71
223	Are Female Soccer Players at an Increased Risk of Second Anterior Cruciate Ligament Injury Compared With Their Athletic Peers?. <i>American Journal of Sports Medicine</i> , <b>2016</b> , 44, 2492-2498	6.8	70
222	Use of an overhead goal alters vertical jump performance and biomechanics. <i>Journal of Strength and Conditioning Research</i> , <b>2005</b> , 19, 394-9	3.2	67
221	Sex differences in proximal control of the knee joint. <i>Sports Medicine</i> , <b>2011</b> , 41, 541-57	10.6	66
220	Epidemiology of basketball, soccer, and volleyball injuries in middle-school female athletes. <i>Physician and Sportsmedicine</i> , <b>2014</b> , 42, 146-53	2.4	65
219	Clinical correlates to laboratory measures for use in non-contact anterior cruciate ligament injury risk prediction algorithm. <i>Clinical Biomechanics</i> , <b>2010</b> , 25, 693-9	2.2	65
218	Foot and hip contributions to high frontal plane knee projection angle in athletes: a classification and regression tree approach. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2012</b> , 42, 996-1004	4.2	64
217	Transgenic remodeling of the regulatory myosin light chains in the mammalian heart. <i>Circulation Research</i> , <b>1997</b> , 80, 655-64	15.7	62
216	Kinetic and kinematic differences between first and second landings of a drop vertical jump task: Implications for injury risk assessments. <i>Clinical Biomechanics</i> , <b>2013</b> , 28, 459-466	2.2	60
215	Incidence of Second Anterior Cruciate Ligament Tears and Identification of Associated Risk Factors From 2001 to 2010 Using a Geographic Database. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2017</b> , 5, 2325967117724196	3.5	58



214	Preferential quadriceps activation in female athletes with incremental increases in landing intensity. <i>Journal of Applied Biomechanics</i> , <b>2011</b> , 27, 215-22	1.2	57
213	Differences in neuromuscular strategies between landing and cutting tasks in female basketball and soccer athletes. <i>Journal of Athletic Training</i> , <b>2006</b> , 41, 67-73	4	56
212	High rate of recurrent patellar dislocation in skeletally immature patients: a long-term population-based study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2018</b> , 26, 1037-1043	5.5	55
211	Knee and hip loading patterns at different phases in the menstrual cycle: implications for the gender difference in anterior cruciate ligament injury rates. <i>American Journal of Sports Medicine</i> , <b>2007</b> , 35, 793-800	6.8	55
210	Methodological approaches and rationale for training to prevent anterior cruciate ligament injuries in female athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2004</b> , 14, 275-85	4.6	53
209	Preventive Biomechanics: A Paradigm Shift With a Translational Approach to Injury Prevention. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 2654-2664	6.8	50
208	Effectiveness of Neuromuscular Training Based on the Neuromuscular Risk Profile. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 2142-2147	6.8	50
207	Anterior cruciate ligament biomechanics during robotic and mechanical simulations of physiologic and clinical motion tasks: a systematic review and meta-analysis. <i>Clinical Biomechanics</i> , <b>2015</b> , 30, 1-13	2.2	50
206	Young athletes after ACL reconstruction with quadriceps strength asymmetry at the time of return-to-sport demonstrate decreased knee function 1 year later. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2018</b> , 26, 426-433	5.5	50
205	Hamstring Strength Asymmetry at 3 Years After Anterior Cruciate Ligament Reconstruction Alters Knee Mechanics During Gait and Jogging. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 97-105	6.8	50
204	Longitudinal Increases in Knee Abduction Moments in Females during Adolescent Growth. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 2579-85	1.2	50
203	The Impact of force filtering cut-off frequency on the peak knee abduction moment during landing: artefact or artifact. <i>British Journal of Sports Medicine</i> , <b>2014</b> , 48, 464-8	10.3	49
202	The Recurrent Instability of the Patella Score: A Statistically Based Model for Prediction of Long-Term Recurrence Risk After First-Time Dislocation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2019</b> , 35, 537-543	5.4	49
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