

Kevin R Ford

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186
papers

15,906
citations

61
h-index

125
g-index

212
ext. papers

17,684
ext. citations

3.3
avg, IF

6.6
L-index

#	Paper	IF	Citations
186	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> , 2005 , 33, 492-501	6.8	2400
185	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> , 2010 , 38, 1968-78	6.8	809
184	Anterior cruciate ligament injuries in female athletes: Part 1, mechanisms and risk factors. <i>American Journal of Sports Medicine</i> , 2006 , 34, 299-311	6.8	627
183	Valgus knee motion during landing in high school female and male basketball players. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1745-50	1.2	624
182	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> , 2006 , 34, 490-8	6.8	469
181	Incidence of Second ACL Injuries 2 Years After Primary ACL Reconstruction and Return to Sport. <i>American Journal of Sports Medicine</i> , 2014 , 42, 1567-73	6.8	452
180	Decrease in neuromuscular control about the knee with maturation in female athletes. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86, 1601-8	5.6	355
179	Rehabilitation after anterior cruciate ligament reconstruction: criteria-based progression through the return-to-sport phase. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2006 , 36, 385-402	4.2	340
178	Incidence of contralateral and ipsilateral anterior cruciate ligament (ACL) injury after primary ACL reconstruction and return to sport. <i>Clinical Journal of Sport Medicine</i> , 2012 , 22, 116-21	3.2	325
177	The effects of plyometric versus dynamic stabilization and balance training on lower extremity biomechanics. <i>American Journal of Sports Medicine</i> , 2006 , 34, 445-55	6.8	323
176	Neuromuscular training improves performance and lower-extremity biomechanics in female athletes. <i>Journal of Strength and Conditioning Research</i> , 2005 , 19, 51-60	3.2	316
175	Limb asymmetries in landing and jumping 2 years following anterior cruciate ligament reconstruction. <i>Clinical Journal of Sport Medicine</i> , 2007 , 17, 258-62	3.2	293
174	The relationship of hamstrings and quadriceps strength to anterior cruciate ligament injury in female athletes. <i>Clinical Journal of Sport Medicine</i> , 2009 , 19, 3-8	3.2	254
173	The effects of generalized joint laxity on risk of anterior cruciate ligament injury in young female athletes. <i>American Journal of Sports Medicine</i> , 2008 , 36, 1073-80	6.8	251
172	Gender Differences in the Kinematics of Unanticipated Cutting in Young Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 124-129	1.2	240
171	Neuromuscular training improves single-limb stability in young female athletes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2004 , 34, 305-16	4.2	226
170	Maturation leads to gender differences in landing force and vertical jump performance: a longitudinal study. <i>American Journal of Sports Medicine</i> , 2006 , 34, 806-13	6.8	209

169	Differential neuromuscular training effects on ACL injury risk factors in "high-risk" versus "low-risk" athletes. <i>BMC Musculoskeletal Disorders</i> , 2007 , 8, 39	2.8	208
168	The incidence and potential pathomechanics of patellofemoral pain in female athletes. <i>Clinical Biomechanics</i> , 2010 , 25, 700-7	2.2	200
167	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> , 2006 , 20, 345-53	3.2	193
166	Strength Asymmetry and Landing Mechanics at Return to Sport after Anterior Cruciate Ligament Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1426-34	1.2	185
165	Longitudinal sex differences during landing in knee abduction in young athletes. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1923-31	1.2	182
164	Utilization of modified NFL combine testing to identify functional deficits in athletes following ACL reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2011 , 41, 377-87	4.2	178
163	Reliability of landing 3D motion analysis: implications for longitudinal analyses. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 2021-8	1.2	176
162	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> , 2015 , 49, 118-22	10.3	164
161	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> , 2005 , 15, 181-9	2.5	155
160	When to initiate integrative neuromuscular training to reduce sports-related injuries and enhance health in youth?. <i>Current Sports Medicine Reports</i> , 2011 , 10, 155-66	1.9	153
159	Rationale and Clinical Techniques for Anterior Cruciate Ligament Injury Prevention Among Female Athletes. <i>Journal of Athletic Training</i> , 2004 , 39, 352-364	4	151
158	A comparison of dynamic coronal plane excursion between matched male and female athletes when performing single leg landings. <i>Clinical Biomechanics</i> , 2006 , 21, 33-40	2.2	148
157	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> , 2010 , 38, 2025-33	6.8	143
156	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> , 2015 , 43, 2727-37	6.8	138
155	Reducing knee and anterior cruciate ligament injuries among female athletes: a systematic review of neuromuscular training interventions. <i>Journal of Knee Surgery</i> , 2005 , 18, 82-8	2.4	135
154	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> , 2012 , 40, 2256-63	6.8	130
153	The effects of gender and pubertal status on generalized joint laxity in young athletes. <i>Journal of Science and Medicine in Sport</i> , 2008 , 11, 257-63	4.4	128
152	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> , 2011 , 45, 245-52	10.3	120

151	Gender differences in the kinematics of unanticipated cutting in young athletes. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 124-9	1.2	120
150	Neuromuscular training techniques to target deficits before return to sport after anterior cruciate ligament reconstruction. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 987-1014	3.2	116
149	Understanding and preventing acl injuries: current biomechanical and epidemiologic considerations - update 2010. <i>North American Journal of Sports Physical Therapy: NAJSPT</i> , 2010 , 5, 234-51		113
148	Longitudinal effects of maturation on lower extremity joint stiffness in adolescent athletes. <i>American Journal of Sports Medicine</i> , 2010 , 38, 1829-37	6.8	109
147	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> , 2015 , 45, 170-82	4.2	107
146	Tuck Jump Assessment for Reducing Anterior Cruciate Ligament Injury Risk. <i>Athletic Therapy Today</i> , 2008 , 13, 39-44		106
145	Mechanisms, prediction, and prevention of ACL injuries: Cut risk with three sharpened and validated tools. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 1843-1855	3.8	105
144	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> , 2006 , 16, 298-304	3.2	103
143	Real-time assessment and neuromuscular training feedback techniques to prevent ACL injury in female athletes. <i>Strength and Conditioning Journal</i> , 2011 , 33, 21-35	2	101
142	Integrative Training for Children and Adolescents: Techniques and Practices for Reducing Sports-Related Injuries and Enhancing Athletic Performance. <i>Physician and Sportsmedicine</i> , 2011 , 39, 74-84	2.4	100
141	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> , 2011 , 45, 238-44	10.3	90
140	Comparison of in-shoe foot loading patterns on natural grass and synthetic turf. <i>Journal of Science and Medicine in Sport</i> , 2006 , 9, 433-40	4.4	90
139	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> , 2013 , 46, 1237-41	2.9	87
138	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> , 2013 , 41, 669-77	6.8	85
137	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> , 2011 , 41, 553-9	4.2	83
136	Gender differences in hip adduction motion and torque during a single-leg agility maneuver. <i>Journal of Orthopaedic Research</i> , 2006 , 24, 416-21	3.8	77
135	The 2012 ABJS Nicolas Andry Award: The sequence of prevention: a systematic approach to prevent anterior cruciate ligament injury. <i>Clinical Orthopaedics and Related Research</i> , 2012 , 470, 2930-40 ^{2.2}		74
134	Prevention of Lower Extremity Injuries in Basketball: A Systematic Review and Meta-Analysis. <i>Sports Health</i> , 2015 , 7, 392-8	4.7	73

133	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> , 2013 , 43, 1065-74	10.6	73
132	Relationship between hip and knee kinematics in athletic women during cutting maneuvers: a possible link to noncontact anterior cruciate ligament injury and prevention. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2223-30	3.2	72
131	Use of an overhead goal alters vertical jump performance and biomechanics. <i>Journal of Strength and Conditioning Research</i> , 2005 , 19, 394-9	3.2	67
130	Sex-specific differences in the severity of symptoms and recovery rate following sports-related concussion in young athletes. <i>Physician and Sportsmedicine</i> , 2013 , 41, 58-63	2.4	66
129	Sex differences in proximal control of the knee joint. <i>Sports Medicine</i> , 2011 , 41, 541-57	10.6	66
128	Clinical correlates to laboratory measures for use in non-contact anterior cruciate ligament injury risk prediction algorithm. <i>Clinical Biomechanics</i> , 2010 , 25, 693-9	2.2	65
127	The Effects of Isolated and Integrated Core Stability Training on Athletic Performance Measures. <i>Sports Medicine</i> , 2012 , 42, 697-706	10.6	62
126	Kinetic and kinematic differences between first and second landings of a drop vertical jump task: Implications for injury risk assessments. <i>Clinical Biomechanics</i> , 2013 , 28, 459-466	2.2	60
125	Preferential quadriceps activation in female athletes with incremental increases in landing intensity. <i>Journal of Applied Biomechanics</i> , 2011 , 27, 215-22	1.2	57
124	Risk factors associated with lower extremity stress fractures in runners: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1517-23	10.3	56
123	Differences in neuromuscular strategies between landing and cutting tasks in female basketball and soccer athletes. <i>Journal of Athletic Training</i> , 2006 , 41, 67-73	4	56
122	ACL Research Retreat VII: An Update on Anterior Cruciate Ligament Injury Risk Factor Identification, Screening, and Prevention. <i>Journal of Athletic Training</i> , 2015 , 50, 1076-93	4	53
121	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> , 2004 , 14, 275-85	4.6	53
120	Effectiveness of Neuromuscular Training Based on the Neuromuscular Risk Profile. <i>American Journal of Sports Medicine</i> , 2017 , 45, 2142-2147	6.8	50
119	Longitudinal Increases in Knee Abduction Moments in Females during Adolescent Growth. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2579-85	1.2	50
118	The 'impact' of force filtering cut-off frequency on the peak knee abduction moment during landing: artefact or 'artificial'?. <i>British Journal of Sports Medicine</i> , 2014 , 48, 464-8	10.3	49
117	Integrative training for children and adolescents: techniques and practices for reducing sports-related injuries and enhancing athletic performance. <i>Physician and Sportsmedicine</i> , 2011 , 39, 74-84	2.4	49
116	Concurrent validity and reliability of 2d kinematic analysis of frontal plane motion during running. <i>International Journal of Sports Physical Therapy</i> , 2015 , 10, 136-46	1.4	47

115	Biomechanical Comparison of Single- and Double-Leg Jump Landings in the Sagittal and Frontal Plane. <i>Orthopaedic Journal of Sports Medicine</i> , 2016 , 4, 2325967116655158	3.5	45
114	The effect of sex and age on isokinetic hip-abduction torques. <i>Journal of Sport Rehabilitation</i> , 2013 , 22, 41-6	1.7	45
113	The Effects of Injury Prevention Programs on the Biomechanics of Landing Tasks: A Systematic Review With Meta-analysis. <i>American Journal of Sports Medicine</i> , 2018 , 46, 1492-1499	6.8	45
112	Effects of task-specific augmented feedback on deficit modification during performance of the tuck-jump exercise. <i>Journal of Sport Rehabilitation</i> , 2013 , 22, 7-18	1.7	44
111	A longitudinal evaluation of maturational effects on lower extremity strength in female adolescent athletes. <i>Pediatric Physical Therapy</i> , 2013 , 25, 271-6	0.9	44
110	Cartilage pressure distributions provide a footprint to define female anterior cruciate ligament injury mechanisms. <i>American Journal of Sports Medicine</i> , 2011 , 39, 1706-13	6.8	44
109	Longitudinal assessment of noncontact anterior cruciate ligament injury risk factors during maturation in a female athlete: a case report. <i>Journal of Athletic Training</i> , 2009 , 44, 101-9	4	44
108	Utilization of ACL Injury Biomechanical and Neuromuscular Risk Profile Analysis to Determine the Effectiveness of Neuromuscular Training. <i>American Journal of Sports Medicine</i> , 2016 , 44, 3146-3151	6.8	44
107	Prospectively identified deficits in sagittal plane hip-ankle coordination in female athletes who sustain a second anterior cruciate ligament injury after anterior cruciate ligament reconstruction and return to sport. <i>Clinical Biomechanics</i> , 2015 , 30, 1094-101	2.2	43
106	Do exercises used in injury prevention programmes modify cutting task biomechanics? A systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2015 , 49, 673-80	10.3	42
105	An evidence-based review of hip-focused neuromuscular exercise interventions to address dynamic lower extremity valgus. <i>Open Access Journal of Sports Medicine</i> , 2015 , 6, 291-303	2.9	38
104	An integrated approach to change the outcome part II: targeted neuromuscular training techniques to reduce identified ACL injury risk factors. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 2272-232	3.2	38
103	Young Athletes After Anterior Cruciate Ligament Reconstruction With Single-Leg Landing Asymmetries at the Time of Return to Sport Demonstrate Decreased Knee Function 2 Years Later. <i>American Journal of Sports Medicine</i> , 2017 , 45, 2604-2613	6.8	37
102	Three-dimensional motion analysis validation of a clinic-based nomogram designed to identify high ACL injury risk in female athletes. <i>Physician and Sportsmedicine</i> , 2011 , 39, 19-28	2.4	37
101	The validation of a portable force plate for measuring force-time data during jumping and landing tasks. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 730-4	3.2	37
100	An integrated approach to change the outcome part I: neuromuscular screening methods to identify high ACL injury risk athletes. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 2265-71	3.2	35
99	Specialized Neuromuscular Training to Improve Neuromuscular Function and Biomechanics in a Patient With Quiescent Juvenile Rheumatoid Arthritis. <i>Physical Therapy</i> , 2005 , 85, 791-802	3.3	35
98	Real-time biofeedback to target risk of anterior cruciate ligament injury: a technical report for injury prevention and rehabilitation. <i>Journal of Sport Rehabilitation</i> , 2015 , 24,	1.7	32

97	Biomechanical Deficit Profiles Associated with ACL Injury Risk in Female Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 107-13	1.2	32
96	Timing differences in the generation of ground reaction forces between the initial and secondary landing phases of the drop vertical jump. <i>Clinical Biomechanics</i> , 2013 , 28, 796-9	2.2	30
95	A prospective functional outcome and motion analysis evaluation of the hip abductors after femur fracture and antegrade nailing. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 3-9	3.1	30
94	Reaching kinematics to measure motor changes after mental practice in stroke. <i>Topics in Stroke Rehabilitation</i> , 2007 , 14, 23-9	2.6	29
93	Sex differences in knee abduction during landing: a systematic review. <i>Sports Health</i> , 2011 , 3, 373-82	4.7	28
92	Methodological report: dynamic field tests used in an NFL combine setting to identify lower-extremity functional asymmetries. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2500-6 ^{3,2}	3.2	27
91	Altered postural sway persists after anterior cruciate ligament reconstruction and return to sport. <i>Gait and Posture</i> , 2013 , 38, 136-40	2.6	25
90	Relationship between hip strength and trunk motion in college cross-country runners. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1125-30	1.2	25
89	Generalized joint laxity associated with increased medial foot loading in female athletes. <i>Journal of Athletic Training</i> , 2009 , 44, 356-62	4	25
88	Dynamic neuromuscular analysis training for preventing anterior cruciate ligament injury in female athletes. <i>Instructional Course Lectures</i> , 2007 , 56, 397-406	1.3	25
87	The effects of isolated and integrated 'core stability' training on athletic performance measures: a systematic review. <i>Sports Medicine</i> , 2012 , 42, 697-706	10.6	23
86	Inter-segmental postural coordination measures differentiate athletes with ACL reconstruction from uninjured athletes. <i>Gait and Posture</i> , 2013 , 37, 149-53	2.6	21
85	Reliability of 3-Dimensional Measures of Single-Leg Drop Landing Across 3 Institutions: Implications for Multicenter Research for Secondary ACL-Injury Prevention. <i>Journal of Sport Rehabilitation</i> , 2015 , 24, 198-209	1.7	20
84	Hip and knee extensor moments predict vertical jump height in adolescent girls. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1327-31	3.2	19
83	Specialized neuromuscular training to improve neuromuscular function and biomechanics in a patient with quiescent juvenile rheumatoid arthritis. <i>Physical Therapy</i> , 2005 , 85, 791-802	3.3	18
82	A predictive model to estimate knee-abduction moment: implications for development of a clinically applicable patellofemoral pain screening tool in female athletes. <i>Journal of Athletic Training</i> , 2014 , 49, 389-98	4	17
81	Early Rehabilitation Following Surgical Fixation of a Femoral Shaft Fracture. <i>Physical Therapy</i> , 2006 , 86, 558-572	3.3	17
80	Predictors of sprint start speed: the effects of resistive ground-based vs. inclined treadmill training. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 831-6	3.2	17

79	Physiological and Biomechanical Responses to Running on Lower Body Positive Pressure Treadmills in Healthy Populations. <i>Sports Medicine</i> , 2017 , 47, 261-275	10.6	16
78	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. <i>Frontiers in Pediatrics</i> , 2019 , 7, 268	3.4	16
77	Does an in-season only neuromuscular training protocol reduce deficits quantified by the tuck jump assessment?. <i>Clinics in Sports Medicine</i> , 2011 , 30, 825-40	2.6	16
76	Land-Jump Performance in Patients with Juvenile Idiopathic Arthritis (JIA): A Comparison to Matched Controls. <i>International Journal of Rheumatology</i> , 2009 , 2009, 478526	2	16
75	Anterior Cruciate Ligament Research Retreat VIII Summary Statement: An Update on Injury Risk Identification and Prevention Across the Anterior Cruciate Ligament Injury Continuum, March 14-16, 2019, Greensboro, NC. <i>Journal of Athletic Training</i> , 2019 , 54, 970-984	4	15
74	Increased physiologic intensity during walking and running on a non-motorized, curved treadmill. <i>Physical Therapy in Sport</i> , 2015 , 16, 262-7	3	15
73	Biomechanical Differences of Multidirectional Jump Landings Among Female Basketball and Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 3034-3045	3.2	15
72	Increased Trunk Motion In Female Athletes Compared To Males During Single Leg Landing. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, S70	1.2	15
71	Effects of unweighting and speed on in-shoe regional loading during running on a lower body positive pressure treadmill. <i>Journal of Biomechanics</i> , 2015 , 48, 1950-6	2.9	14
70	Knee abduction moment is predicted by lower gluteus medius force and larger vertical and lateral ground reaction forces during drop vertical jump in female athletes. <i>Journal of Biomechanics</i> , 2020 , 103, 109669	2.9	13
69	Age-Dependent Patellofemoral Pain: Hip and Knee Risk Landing Profiles in Prepubescent and Postpubescent Female Athletes. <i>American Journal of Sports Medicine</i> , 2018 , 46, 2761-2771	6.8	13
68	Identification of preferred landing leg in athletes previously injured and uninjured: A brief report. <i>Clinical Biomechanics</i> , 2016 , 31, 113-6	2.2	12
67	Using force sensing insoles to predict kinetic knee symmetry during a stop jump. <i>Journal of Biomechanics</i> , 2019 , 95, 109293	2.9	12
66	Biomechanical and performance differences between female soccer athletes in National Collegiate Athletic Association Divisions I and III. <i>Journal of Athletic Training</i> , 2007 , 42, 470-6	4	12
65	Reduced hip strength is associated with increased hip motion during running in young adult and adolescent male long-distance runners. <i>International Journal of Sports Physical Therapy</i> , 2014 , 9, 456-67	1.4	12
64	Increased plantar force and impulse in American football players with high arch compared to normal arch. <i>Foot</i> , 2012 , 22, 310-4	1.3	11
63	Impact of COVID-19 Social Distancing Restrictions on Training Habits, Injury, and Care Seeking Behavior in Youth Long-Distance Runners. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 586141	2.3	11
62	Vertical Jump Biomechanics Altered With Virtual Overhead Goal. <i>Journal of Applied Biomechanics</i> , 2017 , 33, 153-159	1.2	10

61	EMG-Informed Musculoskeletal Modeling to Estimate Realistic Knee Anterior Shear Force During Drop Vertical Jump in Female Athletes. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 2416-2430	4.7	10
60	Landing adaptations following isolated lateral meniscectomy in athletes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011 , 19, 1716-21	5.5	10
59	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> , 2006 , 20, 345-353	3.2	10
58	Performance on the Star Excursion Balance Test predicts functional turnout angle in pre-pubescent female dancers. <i>Journal of Dance Medicine and Science</i> , 2013 , 17, 165-9	0.7	9
57	DETERMINATION OF CLINICALLY RELEVANT DIFFERENCES IN FRONTAL PLANE HOP TESTS IN WOMEN'S COLLEGIATE BASKETBALL AND SOCCER PLAYERS. <i>International Journal of Sports Physical Therapy</i> , 2017 , 12, 182-189	1.4	8
56	Hip biomechanics differ in responders and non-responders to an ACL injury prevention program. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020 , 28, 1236-1245	5.5	8
55	Sport-specific biomechanical responses to an ACL injury prevention programme: A randomised controlled trial. <i>Journal of Sports Sciences</i> , 2018 , 36, 2492-2501	3.6	7
54	Effect of Drop Height on Lower Extremity Biomechanical Measures in Female Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S80	1.2	7
53	A 6-week warm-up injury prevention programme results in minimal biomechanical changes during jump landings: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018 , 26, 2942-2951	5.5	6
52	Reliability of 3-Dimensional Measures of Single-Leg Cross Drop Landing Across 3 Different Institutions: Implications for Multicenter Biomechanical and Epidemiological Research on ACL Injury Prevention. <i>Orthopaedic Journal of Sports Medicine</i> , 2015 , 3, 2325967115617905	3.5	6
51	The single-leg vertical hop provides unique asymmetry information in individuals after anterior cruciate ligament reconstruction. <i>Clinical Biomechanics</i> , 2020 , 80, 105107	2.2	6
50	Physical Fitness Characteristics of High-level Youth Football Players: Influence of Playing Position. <i>Sports</i> , 2019 , 7,	3	6
49	Electromyographic comparison of standard and modified closed-chain isometric knee extension exercises. <i>Journal of Strength and Conditioning Research</i> , 2002 , 16, 129-34	3.2	6
48	Real-time optimized biofeedback utilizing sport techniques (ROBUST): a study protocol for a randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 71	2.8	5
47	A Novel Mass-Spring-Damper Model Analysis to Identify Landing Deficits in Athletes Returning to Sport After Anterior Cruciate Ligament Reconstruction. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2590-2598	3.2	5
46	Effects of maturation on knee biomechanics during cutting and landing in young female soccer players. <i>PLoS ONE</i> , 2020 , 15, e0233701	3.7	5
45	Preferred Hip Strategy During Landing Reduces Knee Abduction Moment in Collegiate Female Soccer Players. <i>Journal of Sport Rehabilitation</i> , 2018 , 27, 213-217	1.7	5
44	Multicenter trial of motion analysis for injury risk prediction: lessons learned from prospective longitudinal large cohort combined biomechanical - epidemiological studies. <i>Brazilian Journal of Physical Therapy</i> , 2015 , 19, 398-409	3.7	5

43	THE VALIDATION OF A PORTABLE FORCE PLATE FOR MEASURING FORCE-TIME DATA DURING JUMPING AND LANDING TASKS. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 730-734	3.2	5
42	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1088-1098	1.2	5
41	Changes in Motivation, Socialization, Wellness and Mental Health in Youth Long-Distance Runners During COVID-19 Social Distancing Restrictions. <i>Frontiers in Sports and Active Living</i> , 2021 , 3, 696264	2.3	5
40	Reliability of analysis of the bone mineral density of the second and fifth metatarsals using dual-energy x-ray absorptiometry (DXA). <i>Journal of Foot and Ankle Research</i> , 2017 , 10, 52	3.2	4
39	Letter to the editor regarding "Effect of low pass filtering on joint moments from inverse dynamics: implications for injury prevention". <i>Journal of Biomechanics</i> , 2012 , 45, 2058-9; author reply 2059-60	2.9	4
38	Juvenile idiopathic arthritis and athletic participation: are we adequately preparing for sports integration?. <i>Physician and Sportsmedicine</i> , 2012 , 40, 49-54	2.4	4
37	ALTERED SAGITTAL PLANE HIP BIOMECHANICS IN ADOLESCENT MALE DISTANCE RUNNERS WITH A HISTORY OF LOWER EXTREMITY INJURY. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 441-452	1.4	4
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