Kevin R Ford

List of Publications by Year
in descending order

206 papers	19,596 citations	15466 65 h-index	11288 136 g-index
212 all docs	212 docs citations	212 times ranked	6538 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	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
3	Anterior Cruciate Ligament Injuries in Female Athletes. American Journal of Sports Medicine, 2006, 34, 299-311.	1.9	742
4	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
5	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
6	Anterior Cruciate Ligament Injuries in Female Athletes. American Journal of Sports Medicine, 2006, 34, 490-498.	1.9	541
7	Decrease in Neuromuscular Control About the Knee with Maturation in Female Athletes. Journal of Bone and Joint Surgery - Series A, 2004, 86, 1601-1608.	1.4	429
8	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
9	Incidence of Contralateral and Ipsilateral Anterior Cruciate Ligament (ACL) Injury After Primary ACL Reconstruction and Return to Sport. Clinical Journal of Sport Medicine, 2012, 22, 116-121.	0.9	410
10	Neuromuscular Training Improves Performance and Lower-Extremity Biomechanics in Female Athletes. Journal of Strength and Conditioning Research, 2005, 19, 51.	1.0	399
11	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
12	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
13	Gender Differences in the Kinematics of Unanticipated Cutting in Young Athletes. Medicine and Science in Sports and Exercise, 2005, 37, 124-129.	0.2	301
14	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
15	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
16	Neuromuscular Training Improves Single-Limb Stability in Young Female Athletes. Journal of Orthopaedic and Sports Physical Therapy, 2004, 34, 305-316.	1.7	267
17	Maturation Leads to Gender Differences in Landing Force and Vertical Jump Performance. American Journal of Sports Medicine, 2006, 34, 806-813.	1.9	257
18	The incidence and potential pathomechanics of patellofemoral pain in female athletes. Clinical Biomechanics, 2010, 25, 700-707.	0.5	242

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19	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
20	Differential neuromuscular training effects onACL injury risk factors in"high-risk" versus "low-risk" athletes. BMC Musculoskeletal Disorders, 2007, 8, 39.	0.8	236
21	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
22	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
23	Reliability of Landing 3D Motion Analysis. Medicine and Science in Sports and Exercise, 2007, 39, 2021-2028.	0.2	213
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Rationale and Clinical Techniques for Anterior Cruciate Ligament Injury Prevention Among Female Athletes. Journal of Athletic Training, 2004, 39, 352-364.	0.9	167
32	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
33	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
34	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
35	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
36	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

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37	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
38	Neuromuscular Training Techniques to Target Deficits Before Return to Sport After Anterior Cruciate Ligament Reconstruction. Journal of Strength and Conditioning Research, 2008, 22, 987-1014.	1.0	138
39	Tuck Jump Assessment for Reducing Anterior Cruciate Ligament Injury Risk. Athletic Therapy Today, 2008, 13, 39-44.	0.2	134
40	Longitudinal Effects of Maturation on Lower Extremity Joint Stiffness in Adolescent Athletes. American Journal of Sports Medicine, 2010, 38, 1829-1837.	1.9	133
41	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
42	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
43	Real-Time Assessment and Neuromuscular Training Feedback Techniques to Prevent Anterior Cruciate Ligament Injury in Female Athletes. Strength and Conditioning Journal, 2011, 33, 21-35.	0.7	121
44	Integrative Training for Children and Adolescents: Techniques and Practices for Reducing Sports-Related Injuries and Enhancing Athletic Performance. Physician and Sportsmedicine, 2011, 39, 74-84.	1.0	120
45	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
46	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
47	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
48	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
49	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
50	Augmented Feedback Supports Skill Transfer and Reduces High-Risk Injury Landing Mechanics. American Journal of Sports Medicine, 2013, 41, 669-677.	1.9	100
51	Prevention of Lower Extremity Injuries in Basketball. Sports Health, 2015, 7, 392-398.	1.3	97
52	Sex Differences in Proximal Control of the Knee Joint. Sports Medicine, 2011, 41, 541-557.	3.1	92
53	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
54	Relationship Between Hip and Knee Kinematics in Athletic Women During Cutting Maneuvers: A Possible Link to Noncontact Anterior Cruciate Ligament Injury and Prevention. Journal of Strength and Conditioning Research, 2009, 23, 2223-2230.	1.0	86

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55	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
56	The Effects of Isolated and Integrated â€˜Core Stabilityâ€™ Training on Athletic Performance Measures. Sports Medicine, 2012, 42, 697-706.	3.1	85
57	Sex-Specific Differences in the Severity of Symptoms and Recovery Rate following Sports-Related Concussion in Young Athletes. Physician and Sportsmedicine, 2013, 41, 58-63.	1.0	85
58	Use of an Overhead Goal Alters Vertical Jump Performance and Biomechanics. Journal of Strength and Conditioning Research, 2005, 19, 394.	1.0	84
59	The 2012 ABJS Nicolas Andry Award: The Sequence of Prevention: A Systematic Approach to Prevent Anterior Cruciate Ligament Injury. Clinical Orthopaedics and Related Research, 2012, 470, 2930-2940.	0.7	83
60	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
61	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
62	Integrative Training for Children and Adolescents: Techniques and Practices for Reducing Sports-Related Injuries and Enhancing Athletic Performance. Physician and Sportsmedicine, 2011, 39, 74-84.	1.0	75
63	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
64	Risk factors associated with lower extremity stress fractures in runners: a systematic review with meta-analysis. British Journal of Sports Medicine, 2015, 49, 1517-1523.	3.1	74
65	ACL Research Retreat VII: An Update on Anterior Cruciate Ligament Injury Risk Factor Identification, Screening, and Prevention. Journal of Athletic Training, 2015, 50, 1076-1093.	0.9	73
66	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
67	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
68	Preferential Quadriceps Activation in Female Athletes With Incremental Increases in Landing Intensity. Journal of Applied Biomechanics, 2011, 27, 215-222.	0.3	65
69	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
70	Effectiveness of Neuromuscular Training Based on the Neuromuscular Risk Profile. American Journal of Sports Medicine, 2017, 45, 2142-2147.	1.9	62
71	Biomechanical Comparison of Single- and Double-Leg Jump Landings in the Sagittal and Frontal Plane. Orthopaedic Journal of Sports Medicine, 2016, 4, 232596711665515.	0.8	60
72	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

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73	Concurrent validity and reliability of 2d kinematic analysis of frontal plane motion during running. International Journal of Sports Physical Therapy, 2015, 10, 136-46.	0.5	56
74	A Longitudinal Evaluation of Maturational Effects on Lower Extremity Strength in Female Adolescent Athletes. Pediatric Physical Therapy, 2013, 25, 271-276.	0.3	54
75	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
76	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
77	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
78	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
79	Cartilage Pressure Distributions Provide a Footprint to Define Female Anterior Cruciate Ligament Injury Mechanisms. American Journal of Sports Medicine, 2011, 39, 1706-1714.	1.9	51
80	The Effect of Sex and Age on Isokinetic Hip-Abduction Torques. Journal of Sport Rehabilitation, 2013, 22, 41-46.	0.4	51
81	Utilization of ACL Injury Biomechanical and Neuromuscular Risk Profile Analysis to Determine the Effectiveness of Neuromuscular Training. American Journal of Sports Medicine, 2016, 44, 3146-3151.	1.9	50
82	An evidence-based review of hip-focused neuromuscular exercise interventions to address dynamic lower extremity valgus. Open Access Journal of Sports Medicine, 2015, 6, 291.	0.6	48
83	The Validation of a Portable Force Plate for Measuring Force-Time Data During Jumping and Landing Tasks. Journal of Strength and Conditioning Research, 2006, 20, 730.	1.0	47
84	Biomechanical Deficit Profiles Associated with ACL Injury Risk in Female Athletes. Medicine and Science in Sports and Exercise, 2016, 48, 107-113.	0.2	46
85	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. American Journal of Sports Medicine, 2017, 45, 2604-2613.	1.9	45
86	The Effects of Isolated and Integrated â€˜Core Stabilityâ€™ Training on Athletic Performance Measures. Sports Medicine, 2012, 42, 697-706.	3.1	45
87	Three-Dimensional Motion Analysis Validation of a Clinic-Based Nomogram Designed to Identify High ACL Injury Risk in Female Athletes. Physician and Sportsmedicine, 2011, 39, 19-28.	1.0	44
88	An Integrated Approach to Change the Outcome Part II. Journal of Strength and Conditioning Research, 2012, 26, 2272-2292.	1.0	44
89	An Integrated Approach to Change the Outcome Part I. Journal of Strength and Conditioning Research, 2012, 26, 2265-2271.	1.0	41
90	Timing differences in the generation of ground reaction forces between the initial and secondary landing phases of the drop vertical jump. Clinical Biomechanics, 2013, 28, 796-799.	0.5	41

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91	Real-Time Biofeedback to Target Risk of Anterior Cruciate Ligament Injury: A Technical Report for Injury Prevention and Rehabilitation. Journal of Sport Rehabilitation, 2015, 24, .	0.4	40
92	Specialized Neuromuscular Training to Improve Neuromuscular Function and Biomechanics in a Patient With Quiescent Juvenile Rheumatoid Arthritis. Physical Therapy, 2005, 85, 791-802.	1.1	39
93	Reaching Kinematics to Measure Motor Changes After Mental Practice in Stroke. Topics in Stroke Rehabilitation, 2007, 14, 23-29.	1.0	38
94	Sex Differences in Knee Abduction During Landing: A Systematic Review. Sports Health, 2011, 3, 373-382.	1.3	38
95	A Prospective Functional Outcome and Motion Analysis Evaluation of the Hip Abductors After Femur Fracture and Antegrade Nailing. Journal of Orthopaedic Trauma, 2008, 22, 3-9.	0.7	36
96	Altered postural sway persists after anterior cruciate ligament reconstruction and return to sport. Gait and Posture, 2013, 38, 136-140.	0.6	34
97	Relationship between Hip Strength and Trunk Motion in College Cross-Country Runners. Medicine and Science in Sports and Exercise, 2013, 45, 1125-1130.	0.2	34
98	Methodological Report: Dynamic Field Tests Used in an NFL Combine Setting to Identify Lower-Extremity Functional Asymmetries. Journal of Strength and Conditioning Research, 2009, 23, 2500-2506.	1.0	33
99	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. Journal of Biomechanics, 2020, 103, 109669.	0.9	31
100	Generalized Joint Laxity Associated With Increased Medial Foot Loading in Female Athletes. Journal of Athletic Training, 2009, 44, 356-362.	0.9	30
101	Inter-segmental postural coordination measures differentiate athletes with ACL reconstruction from uninjured athletes. Gait and Posture, 2013, 37, 149-153.	0.6	28
102	Reliability of 3-Dimensional Measures of Single-Leg Drop Landing Across 3 Institutions: Implications for Multicenter Research for Secondary ACL-Injury Prevention. Journal of Sport Rehabilitation, 2015, 24, 198-209.	0.4	28
103	Anterior Cruciate Ligament Research Retreat VIII Summary Statement: An Update on Injury Risk Identification and Prevention Across the Anterior Cruciate Ligament Injury Continuum, March 14â€“16, 2019, Greensboro, NC. Journal of Athletic Training, 2019, 54, 970-984.	0.9	28
104	Early Rehabilitation Following Surgical Fixation of a Femoral Shaft Fracture. Physical Therapy, 2006, 86, 558-572.	1.1	26
105	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. Frontiers in Pediatrics, 2019, 7, 268.	0.9	25
106	Dynamic neuromuscular analysis training for preventing anterior cruciate ligament injury in female athletes. Instructional Course Lectures, 2007, 56, 397-406.	0.2	25
107	Physiological and Biomechanical Responses to Running on Lower Body Positive Pressure Treadmills in Healthy Populations. Sports Medicine, 2017, 47, 261-275.	3.1	23
108	EMG-Informed Musculoskeletal Modeling to Estimate Realistic Knee Anterior Shear Force During Drop Vertical Jump in Female Athletes. Annals of Biomedical Engineering, 2019, 47, 2416-2430.	1.3	23

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109	Biomechanical Differences of Multidirectional Jump Landings Among Female Basketball and Soccer Players. Journal of Strength and Conditioning Research, 2017, 31, 3034-3045.	1.0	22
110	Increased physiologic intensity during walking and running on a non-motorized, curved treadmill. Physical Therapy in Sport, 2015, 16, 262-267.	0.8	21
111	Specialized neuromuscular training to improve neuromuscular function and biomechanics in a patient with quiescent juvenile rheumatoid arthritis. Physical Therapy, 2005, 85, 791-802.	1.1	21
112	Hip and Knee Extensor Moments Predict Vertical Jump Height in Adolescent Girls. Journal of Strength and Conditioning Research, 2009, 23, 1327-1331.	1.0	20
113	Does an In-Season Only Neuromuscular Training Protocol Reduce Deficits Quantified by the Tuck Jump Assessment?. Clinics in Sports Medicine, 2011, 30, 825-840.	0.9	20
114	A Predictive Model to Estimate Knee-Abduction Moment: Implications for Development of a Clinically Applicable Patellofemoral Pain Screening Tool in Female Athletes. Journal of Athletic Training, 2014, 49, 389-398.	0.9	20
115	Physical Fitness Characteristics of High-level Youth Football Players: Influence of Playing Position. Sports, 2019, 7, 46.	0.7	20
116	Impact of COVID-19 Social Distancing Restrictions on Training Habits, Injury, and Care Seeking Behavior in Youth Long-Distance Runners. Frontiers in Sports and Active Living, 2020, 2, 586141.	0.9	20
117	Land-Jump Performance in Patients with Juvenile Idiopathic Arthritis (JIA): A Comparison to Matched Controls. International Journal of Rheumatology, 2009, 2009, 1-5.	0.9	19
118	Increased plantar force and impulse in American football players with high arch compared to normal arch. Foot, 2012, 22, 310-314.	0.4	19
119	Using force sensing insoles to predict kinetic knee symmetry during a stop jump. Journal of Biomechanics, 2019, 95, 109293.	0.9	19
120	Increased Trunk Motion In Female Athletes Compared To Males During Single Leg Landing. Medicine and Science in Sports and Exercise, 2007, 39, S70.	0.2	19
121	Reduced hip strength is associated with increased hip motion during running in young adult and adolescent male long-distance runners. International Journal of Sports Physical Therapy, 2014, 9, 456-67.	0.5	19
122	Effects of unweighting and speed on in-shoe regional loading during running on a lower body positive pressure treadmill. Journal of Biomechanics, 2015, 48, 1950-1956.	0.9	18
123	Age-Dependent Patellofemoral Pain: Hip and Knee Risk Landing Profiles in Prepubescent and Postpubescent Female Athletes. American Journal of Sports Medicine, 2018, 46, 2761-2771.	1.9	18
124	Predictors of Sprint Start Speed: The Effects of Resistive Ground-Based vs. Inclined Treadmill Training. Journal of Strength and Conditioning Research, 2007, 21, 831.	1.0	18
125	Identification of preferred landing leg in athletes previously injured and uninjured: A brief report. Clinical Biomechanics, 2016, 31, 113-116.	0.5	15
126	Biomechanical and performance differences between female soccer athletes in National Collegiate Athletic Association Divisions I and III. Journal of Athletic Training, 2007, 42, 470-6.	0.9	15

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127	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, 345-353.	1.0	14
128	Landing adaptations following isolated lateral meniscectomy in athletes. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 1716-1721.	2.3	14
129	Performance on the Star Excursion Balance Test Predicts Functional Turnout Angle in Pre-pubescent Female Dancers. Journal of Dance Medicine and Science, 2013, 17, 165-169.	0.2	14
130	Vertical Jump Biomechanics Altered With Virtual Overhead Goal. Journal of Applied Biomechanics, 2017, 33, 153-159.	0.3	14
131	Effects of maturation on knee biomechanics during cutting and landing in young female soccer players. PLoS ONE, 2020, 15, e0233701.	1.1	14
132	Changes in Motivation, Socialization, Wellness and Mental Health in Youth Long-Distance Runners During COVID-19 Social Distancing Restrictions. Frontiers in Sports and Active Living, 2021, 3, 696264.	0.9	14
133	The single-leg vertical hop provides unique asymmetry information in individuals after anterior cruciate ligament reconstruction. Clinical Biomechanics, 2020, 80, 105107.	0.5	13
134	Association Between Temporal Spatial Parameters and Overuse Injury History in Runners: A Systematic Review and Meta-analysis. Sports Medicine, 2020, 50, 331-342.	3.1	12
135	Sport-specific biomechanical responses to an ACL injury prevention programme: A randomised controlled trial. Journal of Sports Sciences, 2018, 36, 2492-2501.	1.0	11
136	Hip biomechanics differ in responders and non-responders to an ACL injury prevention program. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 1236-1245.	2.3	11
137	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. Medicine and Science in Sports and Exercise, 2020, 52, 1088-1098.	0.2	10
138	DETERMINATION OF CLINICALLY RELEVANT DIFFERENCES IN FRONTAL PLANE HOP TESTS IN WOMEN'S COLLEGIATE BASKETBALL AND SOCCER PLAYERS. International Journal of Sports Physical Therapy, 2017, 12, 182-189.	0.5	10
139	Multicenter trial of motion analysis for injury risk prediction: lessons learned from prospective longitudinal large cohort combined biomechanical - epidemiological studies. Brazilian Journal of Physical Therapy, 2015, 19, 398-409.	1.1	9
140	Reliability of 3-Dimensional Measures of Single-Leg Cross Drop Landing Across 3 Different Institutions. Orthopaedic Journal of Sports Medicine, 2015, 3, 232596711561790.	0.8	9
141	A Novel Mass-Spring-Damper Model Analysis to Identify Landing Deficits in Athletes Returning to Sport After Anterior Cruciate Ligament Reconstruction. Journal of Strength and Conditioning Research, 2017, 31, 2590-2598.	1.0	9
142	A 6-week warm-up injury prevention programme results in minimal biomechanical changes during jump landings: a randomized controlled trial. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2942-2951.	2.3	9
143	The influence of maturation and sex on pelvis and hip kinematics in youth distance runners. Journal of Science and Medicine in Sport, 2022, 25, 272-278.	0.6	9
144	Great Challenges Toward Sports Injury Prevention and Rehabilitation. Frontiers in Sports and Active Living, 2020, 2, 80.	0.9	8

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145	When puberty strikes: Longitudinal changes in cutting kinematics in 172 high-school female athletes. Journal of Science and Medicine in Sport, 2021, 24, 1290-1295.	0.6	8
146	Real-time optimized biofeedback utilizing sport techniques (ROBUST): a study protocol for a randomized controlled trial. BMC Musculoskeletal Disorders, 2017, 18, 71.	0.8	7
147	Does â€˜proximal controlâ€™ need a new definition or a paradigm shift in exercise prescription? A clinical commentary. British Journal of Sports Medicine, 2019, 53, 141-142.	3.1	7
148	Effect of Drop Height on Lower Extremity Biomechanical Measures in Female Athletes. Medicine and Science in Sports and Exercise, 2008, 40, S80.	0.2	7
149	Contemporary Principles for Postoperative Rehabilitation and Return to Sport for Athletes Undergoing Anterior Cruciate Ligament Reconstruction. Arthroscopy, Sports Medicine, and Rehabilitation, 2022, 4, e103-e113.	0.8	7
150	Electromyographic comparison of standard and modified closed-chain isometric knee extension exercises. Journal of Strength and Conditioning Research, 2002, 16, 129-34.	1.0	7
151	Letter to the editor regarding â€œEffect of low pass filtering on joint moments from inverse dynamics: implications for injury preventionâ€. Journal of Biomechanics, 2012, 45, 2058-2059.	0.9	6
152	Preferred Hip Strategy During Landing Reduces Knee Abduction Moment in Collegiate Female Soccer Players. Journal of Sport Rehabilitation, 2018, 27, 213-217.	0.4	6
153	Assessment of waveform similarity in youth long-distance runners. Gait and Posture, 2020, 77, 105-111.	0.6	6
154	Maturity alters drop vertical jump landing forceâ€time profiles but not performance outcomes in adolescent females. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 2055-2063.	1.3	6
155	Altered trunk and lower extremity movement coordination after neuromuscular training with and without external focus instruction: a randomized controlled trial. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 92.	0.7	6
156	ALTERED SAGITTAL PLANE HIP BIOMECHANICS IN ADOLESCENT MALE DISTANCE RUNNERS WITH A HISTORY OF LOWER EXTREMITY INJURY. International Journal of Sports Physical Therapy, 2018, 13, 441-452.	0.5	6
157	THE VALIDATION OF A PORTABLE FORCE PLATE FOR MEASURING FORCE-TIME DATA DURING JUMPING AND LANDING TASKS. Journal of Strength and Conditioning Research, 2006, 20, 730-734.	1.0	5
158	Effects of plate stiffness on first metatarsophalangeal joint motion during unanticipated cutting and resisted sled pushing in football players. Footwear Science, 2016, 8, 75-82.	0.8	5
159	A Comparison of Body Segment Inertial Parameter Estimation Methods and Joint Moment and Power Calculations During a Drop Vertical Jump in Collegiate Female Soccer Players. Journal of Applied Biomechanics, 2017, 33, 76-79.	0.3	5
160	Reliability of analysis of the bone mineral density of the second and fifth metatarsals using dualâ€energy xâ€ray absorptiometry (DXA). Journal of Foot and Ankle Research, 2017, 10, 52.	0.7	5
161	Methods of Identifying Limb Dominance in Adolescent Female Basketball Players. Clinical Journal of Sport Medicine, 2018, Publish Ahead of Print, 279-281.	0.9	5
162	INCORPORATING WORKLOAD MEASURES INTO REHABILITATION AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: A CASE REPORT. International Journal of Sports Physical Therapy, 2020, 15, 823-831.	0.5	5

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