

Biomechanical Measures of Neuromuscular Control and Predict Anterior Cruciate Ligament Injury Risk in Females

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Citation Report

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1334	Is Knee Separation During a Drop Jump Associated With Lower Extremity Injury in Adolescent Female Soccer Players?. American Journal of Sports Medicine, 2016, 44, 318-323.	1.9	27
1335	Analyses of Landing Mechanics in Division I Athletes Using the Landing Error Scoring System. Sports Health, 2016, 8, 182-186.	1.3	8
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1343	Specific Aspects of Football in Recreational and Competitive Sport. , 2016, , 117-136.		0
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1354	Effect of gender on trunk and pelvis control during lateral movements with perturbed landing. <i>European Journal of Sport Science</i> , 2016, 16, 182-189.	1.4	9
1355	The effect of translational and rotational traction on lower extremity joint loading. <i>Journal of Sports Sciences</i> , 2016, 34, 613-620.	1.0	11
1356	Young Females Exhibit Decreased Coronal Plane Postural Stability Compared to Young Males. <i>HSS Journal</i> , 2016, 12, 26-31.	0.7	13
1357	Can a knee brace reduce the strain in the anterior cruciate ligament? A study using combined in vivo/in vitro method. <i>Prosthetics and Orthotics International</i> , 2016, 40, 394-399.	0.5	22
1358	The effectiveness of Pilates for partial anterior cruciate ligament injury. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2357-2364.	2.3	6
1359	The effect of reduced ankle dorsiflexion on lower extremity mechanics during landing: A systematic review. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 451-458.	0.6	60
1360	Influence of sex and limb dominance on lower extremity joint mechanics during unilateral land-and-cut manoeuvres. <i>Journal of Sports Sciences</i> , 2017, 35, 166-174.	1.0	12
1361	Effects of fatigue on lower limb, pelvis and trunk kinematics and lower limb muscle activity during single-leg landing after anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2550-2558.	2.3	32
1362	Functional performance 2 years after ACL reconstruction: cross-sectional comparison between athletes with bone-patellar tendon-bone, semitendinosus/gracilis and healthy controls. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1412-1423.	2.3	18
1363	The effect of overhead target on the lower limb biomechanics during a vertical drop jump test in elite female athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 161-166.	1.3	27
1364	Can the Functional Movement Screen be used to capture changes in spine and knee motion control following 12 weeks of training?. <i>Physical Therapy in Sport</i> , 2017, 23, 50-57.	0.8	16
1365	Effects of perturbation or plyometric training on core control and knee joint loading in women during lateral movements. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 299-308.	1.3	17
1366	Efficacy of ACL injury risk screening methods in identifying high-risk landing patterns during a sport-specific task. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 525-534.	1.3	28
1367	Different visual stimuli affect body reorientation strategies during sidestepping. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 492-500.	1.3	26
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1371	Preventive Biomechanics: A Paradigm Shift With a Translational Approach to Injury Prevention. <i>American Journal of Sports Medicine</i> , 2017, 45, 2654-2664.	1.9	67
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1374	Whole Body Coordination and Knee Movement Control During Five Rehabilitation Exercises. <i>Journal of Motor Behavior</i> , 2017, 49, 640-649.	0.5	0
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1381	Sideâ€“toâ€“side differences in lower extremity biomechanics during multiâ€“directional jump landing in volleyball athletes. <i>European Journal of Sport Science</i> , 2017, 17, 699-709.	1.4	25
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1384	Asymmetry and Thigh Muscle Coactivity in Fatigued Anterior Cruciate Ligamentâ€“Reconstructed Elite Skiers. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 11-20.	0.2	23
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1389	Joint moment-angle properties of the hip abductors and hip extensors. <i>Physiotherapy Theory and Practice</i> , 2017, 33, 568-575.	0.6	14
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1394	The Effect of a Simulated Soccer Match on Anterior Cruciate Ligament Injury Risk Factors. <i>International Journal of Sports Medicine</i> , 2017, 38, 620-626.	0.8	6
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1396	Neuromuscular Training Availability and Efficacy in Preventing Anterior Cruciate Ligament Injury in High School Sports. <i>Clinical Journal of Sport Medicine</i> , 2017, 27, 524-529.	0.9	14
1397	The Single Leg Triple Hop for Distance Test. <i>Strength and Conditioning Journal</i> , 2017, 39, 94-98.	0.7	12
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1399	Strength and Conditioning for Netball: A Needs Analysis and Training Recommendations. <i>Strength and Conditioning Journal</i> , 2017, 39, 10-21.	0.7	62
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1401	Targeting associated mechanisms of anterior cruciate ligament injury in female community-level athletes. <i>Sports Biomechanics</i> , 2017, 16, 501-513.	0.8	16
1402	Prediction of Future Injury in Sport: Primary and Secondary Anterior Cruciate Ligament Injury Risk and Return to Sport as a Model. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 228-231.	1.7	13
1403	Stiff Landings Are Associated With Increased ACL Injury Risk in Young Female Basketball and Floorball Players: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2017, 45, NP5-NP5.	1.9	2
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1407	Association Between Tibial Plateau Slopes and Anterior Cruciate Ligament Injury: A Meta-analysis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2017, 33, 1248-1259.e4.	1.3	53
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1411	The effects of tissue flossing on ankle range of motion and jump performance. <i>Physical Therapy in Sport</i> , 2017, 25, 20-24.	0.8	44
1412	Standing balance and inter-limb balance asymmetry at one year post primary anterior cruciate ligament reconstruction: Sex differences in a cohort study of 414 patients. <i>Gait and Posture</i> , 2017, 52, 318-324.	0.6	10
1413	Dual-task and anticipation impact lower limb biomechanics during a single-leg cut with body borne load. <i>Journal of Biomechanics</i> , 2017, 65, 131-137.	0.9	10
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1416	Measurement Properties of a Test Battery to Assess Postural Orientation During Functional Tasks in Patients Undergoing ACL Injury Rehabilitation. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 1-42.	1.7	20
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1420	Practical Approach to Problem-Solving Movement Tasks Limited by an Ankle Dorsiflexion Restriction. <i>Strength and Conditioning Journal</i> , 2017, 39, 25-35.	0.7	3
1421	Automated Quantification of the Landing Error Scoring System With a Markerless Motion-Capture System. <i>Journal of Athletic Training</i> , 2017, 52, 1002-1009.	0.9	38
1422	Tissue flossing on ankle range of motion, jump and sprint performance: A follow-up study. <i>Physical Therapy in Sport</i> , 2017, 28, 29-33.	0.8	37
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1425	Epidemiology of Overuse Injuries in Youth Team Sports: A 3-year Prospective Study. <i>International Journal of Sports Medicine</i> , 2017, 38, 847-856.	0.8	31
1426	Hopping and Landing Performance in Male Youth Soccer Players: Effects of Age and Maturation. <i>International Journal of Sports Medicine</i> , 2017, 38, 902-908.	0.8	12
1427	Factors influencing knee adduction moment measurement: A systematic review and meta-regression analysis. <i>Gait and Posture</i> , 2017, 58, 333-339.	0.6	34
1428	Development and Validation of a Portable and Inexpensive Tool to Measure the Drop Vertical Jump Using the Microsoft Kinect V2. <i>Sports Health</i> , 2017, 9, 537-544.	1.3	29
1429	Risk Factors for Non-Contact Injury in Adolescent Cricket Pace Bowlers: A Systematic Review. <i>Sports Medicine</i> , 2017, 47, 2603-2619.	3.1	16
1430	Biomechanical Differences of Multidirectional Jump Landings Among Female Basketball and Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 3034-3045.	1.0	22
1431	The influence of gearing footwear on running biomechanics. <i>Footwear Science</i> , 2017, 9, 111-119.	0.8	9
1432	Strategies for injury prevention in Brazilian football: Perceptions of physiotherapists and practices of premier league teams. <i>Physical Therapy in Sport</i> , 2017, 28, 1-8.	0.8	33
1433	Influence of increasing knee flexion angle on knee-ankle varus stress during single-leg jump landing. <i>Journal of Taibah University Medical Sciences</i> , 2017, 12, 497-503.	0.5	1
1434	Kinematic and kinetic gait deviations in males long after anterior cruciate ligament reconstruction. <i>Clinical Biomechanics</i> , 2017, 49, 78-84.	0.5	12
1435	The Effect of Clinical Pilates on Functional Movement in Recreational Runners. <i>International Journal of Sports Medicine</i> , 2017, 38, 776-780.	0.8	8
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1438	Surgical excision of symptomatic mature posttraumatic myositis ossificans: characteristics and outcomes in 32 athletes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3961-3968.	2.3	23
1439	Inter-rater reliability, internal consistency and common technique flaws of the Tuck Jump Assessment in elite female football players. <i>Science and Medicine in Football</i> , 2017, 1, 139-144.	1.0	7
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1441	Physical and Performance Characteristics Related to Unintentional Musculoskeletal Injury in Special Forces Operators: A Prospective Analysis. <i>Journal of Athletic Training</i> , 2017, 52, 1153-1160.	0.9	17
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1446	Knee joint kinematics and kinetics during the hop and cut after soft tissue artifact suppression: Time to reconsider ACL injury mechanisms?. Journal of Biomechanics, 2017, 62, 132-139.	0.9	7
1447	A Kinect-based movement assessment system: marker position comparison to Vicon. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, 1289-1298.	0.9	14
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1452	Effects of fatigue on lower limb, pelvis and trunk kinematics and muscle activation: Gender differences. Journal of Electromyography and Kinesiology, 2017, 32, 9-14.	0.7	39
1453	The acute effects of ankle mobilisations on lower extremity joint kinematics. Journal of Bodywork and Movement Therapies, 2017, 21, 775-780.	0.5	5
1454	The Reliability and Discriminative Ability of the Overhead Squat Test for Observational Screening of Medial Knee Displacement. Journal of Sport Rehabilitation, 2017, 26, .	0.4	3
1455	Rehabilitation Principles of the Anterior Cruciate Ligament Reconstructed Knee. Clinics in Sports Medicine, 2017, 36, 189-232.	0.9	90
1456	Normalization influences knee abduction moment results: Could it influence ACL-injury research, too?. Journal of Science and Medicine in Sport, 2017, 20, 318-321.	0.6	6
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1467	Joint dynamics of rear- and fore-foot unplanned sidestepping. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 32-37.	0.6	35
1468	The Dynamic Interplay Between Active and Passive Knee Stability: Implications for Management of the High ACL Injury Risk Athlete. , 2017, , 473-490.		1
1469	Functional Performance Among Active Female Soccer Players After Unilateral Primary Anterior Cruciate Ligament Reconstruction Compared With Knee-Healthy Controls. <i>American Journal of Sports Medicine</i> , 2017, 45, 377-385.	1.9	32
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1473	ACL Injury Mechanisms: Lessons Learned from Video Analysis. , 2017, , 27-36.		5
1474	Epidemiology and Diagnosis of Anterior Cruciate Ligament Injuries. <i>Clinics in Sports Medicine</i> , 2017, 36, 1-8.	0.9	265
1475	Innovative Video Feedback on Jump Landing Improves Landing Technique in Males. <i>International Journal of Sports Medicine</i> , 2017, 38, 150-158.	0.8	8
1476	Is risk-taking in talented junior tennis players related to overuse injuries?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 1347-1355.	1.3	10
1477	A study on the role of articular cartilage soft tissue constitutive form in models of whole knee biomechanics. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 117-138.	1.4	18
1478	Relationship between geometry of the extensor mechanism of the knee and risk of anterior cruciate ligament injury. <i>Journal of Orthopaedic Research</i> , 2017, 35, 965-973.	1.2	10
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1481	Stiff Landings Are Associated With Increased ACL Injury Risk in Young Female Basketball and Floorball Players. <i>American Journal of Sports Medicine</i> , 2017, 45, 386-393.	1.9	238
1482	Motion Analysis of a Jumping Task in Childhood Leukemia Survivors. <i>Rehabilitation Oncology</i> , 2017, 35, 9-14.	0.2	4
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1763	Anterior Cruciate Ligament Ruptures in the Female Athlete. , 2019, , 1-8.		0
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1782	Sex and limb impact biomechanics associated with risk of injury during drop landing with body borne load. <i>PLoS ONE</i> , 2019, 14, e0211129.	1.1	20
1783	Concurrent changes in eccentric hamstring strength and knee joint kinematics induced by soccer-specific fatigue. <i>Physical Therapy in Sport</i> , 2019, 37, 21-26.	0.8	8
1784	Anterior Cruciate Ligament Prevention Programs Overview. , 2019, , 13-23.		1
1785	Ankle dorsiflexion range of motion is associated with kinematic but not kinetic variables related to bilateral drop-landing performance at various drop heights. <i>Human Movement Science</i> , 2019, 64, 320-328.	0.6	22
1786	Knee biomechanics changes under dual task during single-leg drop landing. <i>Journal of Experimental Orthopaedics</i> , 2019, 6, 5.	0.8	14
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1788	Biomechanical Comparison of Cutting Techniques: A Review and Practical Applications. <i>Strength and Conditioning Journal</i> , 2019, 41, 40-54.	0.7	36
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1835	Assessing lower extremity coordination and coordination variability in individuals with anterior cruciate ligament reconstruction during walking. <i>Gait and Posture</i> , 2019, 67, 154-159.	0.6	20
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1869	The effect of limb preference on braking strategy and knee joint mechanics during pivoting in female soccer players. <i>Science and Medicine in Football</i> , 2020, 4, 30-36.	1.0	5
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1874	Relationship between electromyographic activity of knee joint muscles with vertical and posterior ground reaction forces in anterior cruciate ligament reconstructed patients during a single leg vertical drop landing task. <i>Research in Sports Medicine</i> , 2020, 28, 1-14.	0.7	8
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1879	Jump performance in male and female football players. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 606-613.	2.3	18
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1881	Relationship Between Strength, Athletic Performance, and Movement Skill in Adolescent Girls. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 674-679.	1.0	6
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1897	TrackKnee: Knee angle measurement using stretchable conductive fabric sensors. Smart Health, 2020, 15, 100092.	2.0	18
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1904	Lower extremity range of motion and alignment: A reliability and concurrent validity study of goniometric and three-dimensional motion analysis measurement. <i>Heliyon</i> , 2020, 6, e04713.	1.4	10
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1906	Effects of a band loop on muscle activity and dynamic Knee valgus during pedaling. <i>Gait and Posture</i> , 2020, 82, 301-305.	0.6	3
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1909	Can We Capitalize on Central Nervous System Plasticity in Young Athletes to Inoculate Against Injury?. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 305-318.	0.4	9
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1919	A Secondary Injury Prevention Program May Decrease Contralateral Anterior Cruciate Ligament Injuries in Female Athletes: 2-Year Injury Rates in the ACL-SPORTS Randomized Controlled Trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020, 50, 523-530.	1.7	21
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1935	Hop test does not correlate with neuromuscular control during drop vertical jump test: A prognostic comparative study utilizing healthy subjects. Current Orthopaedic Practice, 2020, 31, 358-365.	0.1	0
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1937	Effect of Foot-Planting Strategy on Anterior Cruciate Ligament Loading in Women During a Direction Diversion Maneuver: A Musculoskeletal Modeling Approach. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712096318.	0.8	6
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1939	Energy Absorption Strategies in the Lower Extremities during Double-Leg Landings in Knee Valgus Alignment. Applied Sciences (Switzerland), 2020, 10, 8742.	1.3	2

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1941	Utility of Kinetic and Kinematic Jumping and Landing Variables as Predictors of Injury Risk: A Systematic Review. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 287-304.	0.4	22
1942	Increased lateral femoral condyle ratio is associated with greater risk of ALC injury in non-contact anterior cruciate ligament injury. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3077-3084.	2.3	22
1943	Evaluation of a Functional Brace in ACL-Deficient Subjects Measuring Ground Reaction Forces and Contact Pressure: A Pilot Study. <i>Journal of Prosthetics and Orthotics</i> , 2020, 32, 142-148.	0.2	2
1944	Muscle contributions to tibiofemoral shear forces and valgus and rotational joint moments during single leg drop landing. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1664-1674.	1.3	27
1945	Relationship between dynamic knee valgus and lateral trunk lean during single-leg squatting in two-dimensional image. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2020, 69, 261-267.	0.0	0
1946	Concussion Recovery Evaluation Using the Inertial Sensor Instrumented Y Balance Test. <i>Journal of Neurotrauma</i> , 2020, 37, 2549-2557.	1.7	11
1947	Effect of Asymmetry on Biomechanical Characteristics During 180° Change of Direction. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1297-1306.	1.0	9
1948	Management of the female anterior cruciate ligament: current concepts. <i>Journal of ISAKOS</i> , 2020, 5, 123-127.	1.1	2
1949	Ski boot canting adjustments affect kinematic, kinetic, and postural control measures associated with fall and injury risk. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 1015-1020.	0.6	4
1950	Contralateral Anterior Cruciate Ligament Injuries Following Index Reconstruction in the Pediatric Athlete. <i>Current Reviews in Musculoskeletal Medicine</i> , 2020, 13, 409-415.	1.3	3
1951	Observational study with the objective of determining possible correlations between GRF and muscle activation at reception after a jump in an ACL injury. <i>Apunts Sports Medicine</i> , 2020, 55, 63-70.	0.3	1
1952	Extended Version of a Test Battery for Visual Assessment of Postural Orientation Errors: Face Validity, Internal Consistency, and Reliability. <i>Physical Therapy</i> , 2020, 100, 1542-1556.	1.1	8
1953	Clinical implications of Landing Error Scoring System calculation methods. <i>Physical Therapy in Sport</i> , 2020, 44, 61-66.	0.8	9
1954	Effects of maturation on knee biomechanics during cutting and landing in young female soccer players. <i>PLoS ONE</i> , 2020, 15, e0233701.	1.1	14
1955	Associations Among Eccentric Hamstrings Strength, Hamstrings Stiffness, and Jump-Landing Biomechanics. <i>Journal of Athletic Training</i> , 2020, 55, 717-723.	0.9	11
1956	Long-Term Follow-up of Skeletally Immature Patients With Physseal-Sparing Combined Extra-/Intra-articular Iliotibial Band Anterior Cruciate Ligament Reconstruction: A 3-Dimensional Motion Analysis. <i>American Journal of Sports Medicine</i> , 2020, 48, 1900-1906.	1.9	8
1957	Divergence analysis of failed and successful unanticipated single-leg landings reveals the importance of the flight phase and upper body biomechanics. <i>Journal of Biomechanics</i> , 2020, 109, 109879.	0.9	6

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1959	Health problems in youth competitive alpine skiing: A 12-month observation of 155 athletes around the growth spurt. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1758-1768.	1.3	20
1960	Postural control is altered in females with excessive medial knee displacement. <i>Sports Biomechanics</i> , 2023, 22, 848-862.	0.8	5
1961	Relationship Between Jump-Landing Kinematics and Lower Extremity Overuse Injuries in Physically Active Populations: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2020, 50, 1515-1532.	3.1	26
1962	Reliability of two-dimensional measures associated with bilateral drop-landing performance. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2020, , 39-47.	0.2	6
1963	Effects of Basketball Shoe Midsole Hardness on Lower Extremity Biomechanics and Perception during Drop Jumping from Different Heights. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3594.	1.3	3
1964	The risk of concomitant injuries of the contralateral side in valgus injured knee by lateral bumper impact – “Windswept injury mechanism”. <i>Injury</i> , 2020, 51, 1863-1866.	0.7	0
1965	Dynamic knee valgus in competitive alpine skiers: Observation from youth to elite and influence of biological maturation. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1212-1220.	1.3	14
1966	Prevention of Anterior Cruciate Ligament Injuries in Competitive Adolescent Alpine Skiers. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 11.	0.9	13
1967	Preliminary Evaluation of Dynamic Knee Valgus and Serum Relaxin Concentrations After ACL Reconstruction. <i>JBJS Open Access</i> , 2020, 5, e0060.	0.8	2
1968	Effects of second-generation and indoor sports surfaces on knee joint kinetics and kinematics during 45° and 180° cutting manoeuvres, and exploration using statistical parametric mapping and Bayesian analyses. <i>Sport Sciences for Health</i> , 2020, 16, 511-521.	0.4	2
1969	Musculoskeletal Preparticipation Physical Evaluation – Does it Lead to Decreased Musculoskeletal Morbidity?. <i>Current Sports Medicine Reports</i> , 2020, 19, 58-69.	0.5	8
1970	The Effect of Patient Sex and Graft Type on Postoperative Functional Outcomes After Primary ACL Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712092605.	0.8	14
1971	The effects of a standard elliptical vs. a modified elliptical with a converging footpath on lower limb kinematics and muscle activity. <i>Journal of Sports Sciences</i> , 2020, 38, 2382-2389.	1.0	1
1972	Assessing Movement Competence and Screening for Injury Risk in 8-12-year-Old Children: Reliability of the Child-Focused Injury Risk Screening Tool (ChildFIRST). <i>Measurement in Physical Education and Exercise Science</i> , 2020, 24, 205-217.	1.3	3
1973	Associated ACL risk factors differences during an unanticipated volleyball blocking movement. <i>Journal of Sports Sciences</i> , 2020, 38, 2367-2373.	1.0	4
1974	In vivo attachment site to attachment site length and strain of the ACL and its bundles during the full gait cycle measure by MRI and high-speed biplanar radiography. (Published Jan. 2, 2020). <i>Journal of Biomechanics</i> , 2020, 109, 109922.	0.9	0
1975	Foot Muscle Strengthening and Lower Limb Injury Prevention. <i>Research Quarterly for Exercise and Sport</i> , 2021, 92, 380-387.	0.8	5

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1976	Do asymptomatic generalised hypermobility and knee hyperextension influence jump landing biomechanics?. <i>European Journal of Physiotherapy</i> , 2021, 23, 362-367.	0.7	2
1977	The effect of silicone ankle sleeves and lace-up ankle braces on neuromuscular control, joint torque, and cutting agility. <i>Journal of Orthopaedics</i> , 2020, 20, 359-366.	0.6	2
1978	Shifting Focus: A Clinician's Guide to Understanding Neuroplasticity for Anterior Cruciate Ligament Rehabilitation. <i>Current Sports Medicine Reports</i> , 2020, 19, 76-83.	0.5	14
1979	Are athletes ready to return to competitive sports following ACL reconstruction and medical clearance?. <i>Cogent Medicine</i> , 2020, 7, .	0.7	2
1980	A conceptual model and detailed framework for stress-related, strain-related, and overuse athletic injury. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 726-734.	0.6	71
1981	Preliminary Evaluation of Knee Kinetics in Female Athletes on Hormonal Contraceptives. <i>International Journal of Sports Medicine</i> , 2020, 41, 113-118.	0.8	2
1982	Contact " but not foul play " dominates injury mechanisms in men's professional handball: a video match analysis of 580 injuries. <i>British Journal of Sports Medicine</i> , 2020, 54, 984-990.	3.1	28
1983	Inter-Segmental Coordination during a Unilateral 180° Jump in Elite Rugby Players: Implications for Prospective Identification of Injuries. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 427.	1.3	3
1984	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. <i>Psychophysiology</i> , 2020, 57, e13545.	1.2	25
1985	Relationship of Changes in Physical Fitness and Anthropometric Characteristics over One Season, Biological Maturity Status and Injury Risk in Elite Youth Ski Racers: A Prospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 364.	1.2	14
1986	Electrocortical dynamics differentiate athletes exhibiting low- and high-ACL injury risk biomechanics. <i>Psychophysiology</i> , 2020, 57, e13530.	1.2	15
1987	Altered hip control during a standing knee lift test is associated with increased risk of knee injuries. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 922-931.	1.3	14
1988	Improved accuracy of biomechanical motion data obtained during impacts using a time-frequency low-pass filter. <i>Journal of Biomechanics</i> , 2020, 101, 109639.	0.9	10
1989	Is the Landing Error Scoring System Reliable and Valid? A Systematic Review. <i>Sports Health</i> , 2020, 12, 181-188.	1.3	45
1990	The Relationship between Serum Relaxin Concentrations and Knee Valgus. <i>International Journal of Sports Medicine</i> , 2020, 41, 182-188.	0.8	1
1991	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.	0.9	31
1992	Current concepts in the management of patellofemoral pain " The role of alignment. <i>Knee</i> , 2020, 27, 280-286.	0.8	7
1993	Generalized joint hypermobility in siblings with anterior cruciate ligament injuries and matched unrelated healthy siblings. <i>Physiotherapy Research International</i> , 2020, 25, e1826.	0.7	2

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1994	Inertial Sensor-Based Lower Limb Joint Kinematics: A Methodological Systematic Review. <i>Sensors</i> , 2020, 20, 673.	2.1	90
1995	Anterior cruciate ligament injuries in Australian football: should women and girls be playing? Youâ€™re asking the wrong question. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000778.	1.4	25
1996	Immediate Effect of Acupuncture on Performance in the Drop Jump Task: A Single-Group Pretestâ€“Posttest Experimental Study. <i>European Journal of Integrative Medicine</i> , 2020, 36, 101120.	0.8	2
1997	Effects of Foot Rotation on ACL Injury Risk Variables During Drop Landing. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 59-68.	0.4	6
1998	Differences in high trunk acceleration during single-leg landing after an overhead stroke between junior and adolescent badminton athletes. <i>Sports Biomechanics</i> , 2022, 21, 1160-1175.	0.8	2
1999	Sex-based differences in landing mechanics vary between the drop vertical jump and stop jump. <i>Journal of Biomechanics</i> , 2020, 105, 109818.	0.9	26
2000	Lower Extremity Biomechanics During a Drop-Vertical Jump and Muscle Strength in Women With Patellofemoral Pain. <i>Journal of Athletic Training</i> , 2020, 55, 615-622.	0.9	17
2001	Vertical Drop Jump Performance in Youth with Juvenile Idiopathic Arthritis. <i>Arthritis Care and Research</i> , 2020, 73, 955-963.	1.5	10
2002	Between-limb asymmetry in kinetic and temporal characteristics during bilateral plyometric drop jumps from different heights. <i>Journal of Sports Sciences</i> , 2020, 38, 1605-1614.	1.0	8
2003	Athletes with a concussion history in the last two years have impairments in dynamic balance performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1497-1505.	1.3	9
2004	Barbell back squat: how do resistance bands affect muscle activation and knee kinematics?. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000610.	1.4	7
2005	Effect of Sex and Ankle Brace Design on Knee Biomechanics During a Single-Leg Cut. <i>American Journal of Sports Medicine</i> , 2020, 48, 1496-1504.	1.9	1
2006	Association Between Knee Anatomic Metrics and Biomechanics for Male Soldiers Landing With Load. <i>American Journal of Sports Medicine</i> , 2020, 48, 1389-1397.	1.9	2
2007	There Is No Relationship Between Lower Extremity Alignment During Unilateral and Bilateral Drop Jumps and the Risk of Knee or Ankle Injury: A Prospective Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020, 50, 267-274.	1.7	6
2008	Prediction of Knee Kinematics at the Time of Noncontact Anterior Cruciate Ligament Injuries Based on the Bone Bruises. <i>Annals of Biomedical Engineering</i> , 2021, 49, 162-170.	1.3	15
2009	Effect of running-induced fatigue on lower limb mechanics in novice runners. <i>Technology and Health Care</i> , 2021, 29, 231-242.	0.5	7
2010	Increased Co-contraction Activity During Push-Off Phase of Walking in Healthy Women. <i>Irbm</i> , 2021, 42, 48-54.	3.7	2
2011	Filtration Selection and Data Consilience: Distinguishing Signal from Artefact with Mechanical Impact Simulator Data. <i>Annals of Biomedical Engineering</i> , 2021, 49, 334-344.	1.3	2

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2012	Corticomotor Excitability of Gluteus Maximus Is Associated with Hip Biomechanics During a Single-Leg Drop-Jump. <i>Journal of Motor Behavior</i> , 2021, 53, 40-46.	0.5	3
2013	THERABAND® CLX gold reduces knee-width index and range of motion during overhead, barbell squatting. <i>Sports Biomechanics</i> , 2021, 20, 198-212.	0.8	7
2014	The effect of landing surface on landing error scoring system grades. <i>Sports Biomechanics</i> , 2021, 20, 190-197.	0.8	4
2015	Reliability, discriminant validity and sex comparisons of dynamic postural stability during a landing task designed to challenge transverse plane knee stability. <i>Sports Biomechanics</i> , 2021, 20, 507-519.	0.8	0
2016	Perception of impact is affected by stimulus intensity. <i>Sports Biomechanics</i> , 2021, 20, 380-390.	0.8	1
2017	Using functional movement tests to investigate the presence of sensorimotor impairment in amateur athletes following sport-related concussion: A prospective, longitudinal study. <i>Physical Therapy in Sport</i> , 2021, 47, 105-113.	0.8	5
2018	The Effects of a Cognitive Dual Task on Jump-landing Movement Quality. <i>International Journal of Sports Medicine</i> , 2021, 42, 90-95.	0.8	9
2019	Letter to the Editor on "Prediction of Knee Kinematics at Time of Noncontact Anterior Cruciate Ligament Injuries Based on Bone Bruises". <i>Annals of Biomedical Engineering</i> , 2021, 49, 1-3.	1.3	8
2020	Better and early recovery in ACL reconstructed elite players with addition of core stability exercises in postoperative rehabilitation program. <i>Sport Sciences for Health</i> , 2021, 17, 357-362.	0.4	3
2021	Association between ankle angle at initial contact and biomechanical ACL injury risk factors in male during self-selected single-leg landing. <i>Gait and Posture</i> , 2021, 83, 127-131.	0.6	4
2022	Relationship between lumbopelvic-hip complex stability, muscle activity, and 2-dimensional kinematics of the trunk and lower extremity. <i>Physical Therapy in Sport</i> , 2021, 47, 7-14.	0.8	7
2023	Estimating Knee Joint Load Using Acoustic Emissions During Ambulation. <i>Annals of Biomedical Engineering</i> , 2021, 49, 1000-1011.	1.3	13
2024	Performance on sprint, agility and jump tests have moderate to strong correlations in youth football players but performance tests are weakly correlated to neuromuscular control tests. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 1659-1669.	2.3	8
2025	The effects of drop vertical jump technique on landing and jumping kinetics and jump performance. <i>Journal of Electromyography and Kinesiology</i> , 2021, 56, 102504.	0.7	13
2026	Effects of an elastic resistance band exercise program on kinetics and muscle activities during walking in young adults with genu valgus: A double-blinded randomized controlled trial. <i>Clinical Biomechanics</i> , 2021, 81, 105215.	0.5	4
2027	Intra- and interrater reliability of subjective assessment of the drop vertical jump and tuck jump in youth athletes. <i>Physical Therapy in Sport</i> , 2021, 47, 156-164.	0.8	9
2028	Difference in sex and the effect of a dominant lower extremity in the posterior tibial slope angle in healthy Japanese subjects. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2021, 23, 8-12.	0.4	1
2029	Functional muscle synergies to support the knee against moment specific loads while weight bearing. <i>Journal of Electromyography and Kinesiology</i> , 2021, 56, 102506.	0.7	5

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2030	Lower preseason reactive strength index scores are associated with injury in female collegiate volleyball players but not male collegiate basketball players. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 549-554.	0.6	5
2031	Influence of the forehand stance on knee biomechanics: Implications for potential injury risks in tennis players. <i>Journal of Sports Sciences</i> , 2021, 39, 992-1000.	1.0	10
2032	Preliminary Evidence for the Fibromyalgia Integrative Training Program (FIT Teens) Improving Strength and Movement Biomechanics in Juvenile Fibromyalgia. <i>Clinical Journal of Pain</i> , 2021, 37, 51-60.	0.8	13
2033	Recommendations for Hamstring Function Recovery After ACL Reconstruction. <i>Sports Medicine</i> , 2021, 51, 607-624.	3.1	19
2034	Use of double leg injury screening to assess single leg biomechanical risk variables. <i>Physical Therapy in Sport</i> , 2021, 47, 40-45.	0.8	2
2035	Anterior Cruciate Ligament Reconstructed Female Athletes Exhibit Relative Muscle Dysfunction After Return to Sport. <i>International Journal of Sports Medicine</i> , 2021, 42, 336-343.	0.8	3
2036	New Machine Learning Approach for Detection of Injury Risk Factors in Young Team Sport Athletes. <i>International Journal of Sports Medicine</i> , 2021, 42, 175-182.	0.8	35
2037	The impact of the foot contact position and cutting angle during cutting on the risk of anterior cruciate ligament injury. <i>Journal of Physical Therapy Science</i> , 2021, 33, 9-14.	0.2	1
2039	Lower limb kinematics of single-leg squat performance in patients with anterior cruciate ligament deficiency. <i>Journal of Physical Therapy Science</i> , 2021, 33, 429-433.	0.2	2
2040	Applying Biomechanics in Exercise and Rehabilitation. , 2021, , 177-186.		0
2041	Detection of knee wobbling as a screen to identify athletes who may be at high risk for ACL injury. <i>International Biomechanics</i> , 2021, 8, 30-41.	0.9	4
2042	Investigating the landing kinetics factors and preparatory knee muscle activation in female handball players with and without dynamic knee valgus while performing single leg landing. <i>Biomedical Human Kinetics</i> , 2021, 13, 155-162.	0.2	4
2043	Risk Factors for Lower Limb Injury in Female Team Field and Court Sports: A Systematic Review, Meta-analysis, and Best Evidence Synthesis. <i>Sports Medicine</i> , 2021, 51, 759-776.	3.1	19
2044	Weight-Bearing Versus Traditional Strength Assessments of the Hip Musculature. <i>Journal of Athletic Training</i> , 2021, 56, 191-196.	0.9	2
2045	An arthroscopic repair technique for proximal anterior cruciate tears in children to restore active function and avoid growth disturbances. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3689-3696.	2.3	11
2046	Reliability of 3D measurement of pelvic and lower limb kinematics during two single leg landing tasks. <i>Biomedical Human Kinetics</i> , 2021, 13, 73-80.	0.2	2
2047	Biomechanical Analysis of the Tuck Jump Assessment. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 2946-2949.	1.0	1
2048	Basketball. , 2021, , 35-49.		0

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2049	Effect of Graft Rupture Prevention Training on Young Athletes After Anterior Cruciate Ligament Reconstruction: An 8-Year Prospective Intervention Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712097359.	0.8	3
2050	A Narrative Review of Limb Dominance: Task Specificity and the Importance of Fitness Testing. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 846-858.	1.0	36
2051	Effect of Sand on Landing Knee Valgus During Single-Leg Land and Drop Jump Tasks: Possible Implications for ACL Injury Prevention and Rehabilitation. <i>Journal of Sport Rehabilitation</i> , 2021, 30, 97-104.	0.4	4
2052	Validation of a Commercially Available Markerless Motion-Capture System for Trunk and Lower Extremity Kinematics During a Jump-Landing Assessment. <i>Journal of Athletic Training</i> , 2021, 56, 177-190.	0.9	10
2053	An association between femoral trochlear morphology and non-contact anterior cruciate ligament total rupture: a retrospective MRI study. <i>Skeletal Radiology</i> , 2021, 50, 1441-1454.	1.2	7
2054	Anterior cruciate ligament injury prevention. <i>Annals of Joint</i> , 0, .	1.0	0
2055	Visual Analysis of Research Hot Spots, Characteristics, and Dynamic Evolution of International Competitive Basketball Based on Knowledge Mapping. <i>SAGE Open</i> , 2021, 11, 215824402098872.	0.8	4
2056	Rater Reliability of the Tuck Jump Assessment: A Critically Appraised Topic (CAT). <i>International Journal of Athletic Therapy and Training</i> , 2021, 26, 13-19.	0.1	0
2057	THE NEW INJURIESâ€™ RISK AFTER ACL RECONSTRUCTION MIGHT BE REDUCED WITH FUNCTIONAL TRAINING. <i>Acta Ortopedica Brasileira</i> , 2021, 29, 21-25.	0.2	2
2058	Type of injury and recovery time in elite adolescent Korean judo athletes: An epidemiological study. <i>International Journal of Sports Science and Coaching</i> , 2021, 16, 682-689.	0.7	8
2059	Effect of Static Alignment on Dynamic Knee Abduction Moments in Adolescent Athletes with Recent ACL Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1555-1560.	0.2	2
2060	High-Impact Details of Play and Movements in Female Basketball Game. <i>Sports Medicine International Open</i> , 2021, 05, E22-E27.	0.3	1
2061	The Acute Effects of Accentuated Eccentric Loading on Drop Jump Kinetics in Adolescent Athletes. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 2381-2386.	1.0	2
2062	Movement Patterns During a Jump-Landing Task in Athletes After Sport-Related Concussion and Healthy Control Individuals. <i>Journal of Athletic Training</i> , 2021, 56, 1306-1312.	0.9	3
2063	Second ACL Injury Rates in Younger Athletes Who Were Advised to Delay Return to Sport Until 12 Months After ACL Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712098563.	0.8	19
2064	Post-Trial Feedback Alters Landing Performance in Adolescent Female Athletes Using a Portable Feedback System. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 87-95.	0.5	4
2065	The Immediate Effects of Expert and Dyad External Focus Feedback on Drop Landing Biomechanics in Female Athletes: An Instrumented Field Study. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 96-105.	0.5	4
2066	Side-hops challenge knee control in the frontal and transversal plane more than hops for distance or height among ACL-reconstructed individuals. <i>Sports Biomechanics</i> , 2021, , 1-18.	0.8	1

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2067	Causal relationships between immediate pre-impact kinematics and post-impact kinetics during drop landing using a simple three dimensional multibody model. <i>Journal of Biomechanics</i> , 2021, 116, 110211.	0.9	4
2068	Altered Drop Jump Landing Biomechanics Following Eccentric Exercise-Induced Muscle Damage. <i>Sports</i> , 2021, 9, 24.	0.7	7
2069	Reliability of the Tuck Jump Assessment Using Standardized Rater Training. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 162-168.	0.5	5
2070	Temporal Utilization of Physical Therapy Visits After Anterior Cruciate Ligament Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712098229.	0.8	13
2071	The Efficacy of Simultaneously Training 2 Motion Targets During a Squat Using Auditory Feedback. <i>Journal of Applied Biomechanics</i> , 2021, 37, 6-12.	0.3	1
2072	Biomechanical but Not Strength or Performance Measures Differentiate Male Athletes Who Experience ACL Reinjury on Return to Level 1 Sports. <i>American Journal of Sports Medicine</i> , 2021, 49, 918-927.	1.9	54
2073	Warm-Ups and Coaches' Perceptions: Searching for Clues to Improve Injury Prevention in Youth Basketball. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 619291.	0.9	11
2074	Reduced 2-D Frontal Plane Motion During Single-Limb Landing Is Associated With Risk of Future Anterior Cruciate Ligament Graft Rupture After Anterior Cruciate Ligament Reconstruction and Return to Sport: A Pilot Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2021, 51, 82-87.	1.7	14
2075	Prediction of ACL Injuries from Vertical Jump Kinetics in Division 1 Collegiate Athletes. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 156-161.	0.5	16
2076	New Frontiers of Body Composition in Sport. <i>International Journal of Sports Medicine</i> , 2021, 42, 588-601.	0.8	67
2077	Can Biomechanical Testing After Anterior Cruciate Ligament Reconstruction Identify Athletes at Risk for Subsequent ACL Injury to the Contralateral Uninjured Limb?. <i>American Journal of Sports Medicine</i> , 2021, 49, 609-619.	1.9	43
2078	Anterior cruciate ligament injuries in the prepubescent and adolescent. Modern trends and researches. <i>N N Priorov Journal of Traumatology and Orthopedics</i> , 2021, 28, 89-107.	0.1	1
2079	Which jump-landing task best represents lower extremity and trunk kinematics of unanticipated cutting maneuver?. <i>Gait and Posture</i> , 2021, 85, 171-177.	0.6	7
2080	Entwicklung eines Stufen-Konzeptes für Eingangsuntersuchungen im Basketball und Handball – aktueller Stand im deutschen Leistungssport. <i>Sports Orthopaedics and Traumatology</i> , 2021, 37, 33-40.	0.1	0
2081	Association between Kinesiophobia and Gait Asymmetry after ACL Reconstruction: Implications for Prevention of Reinjury. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3264.	1.2	19
2082	Relationships between physical capacities and biomechanical variables during movement tasks in athletic populations following anterior cruciate ligament reconstruction. <i>Physical Therapy in Sport</i> , 2021, 48, 209-218.	0.8	9
2083	Objective and Subjective Analysis of the Knee Joint Function Using Lower Extremity Assessment Protocol after Anterior Cruciate Ligament Reconstruction. <i>The Korean Journal of Sports Medicine</i> , 2021, 39, 34-41.	0.3	1
2084	Influence of Cognitive Performance on Musculoskeletal Injury Risk: A Systematic Review. <i>American Journal of Sports Medicine</i> , 2022, 50, 554-562.	1.9	16

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2085	Trunk motion and anterior cruciate ligament injuries: a narrative review of injury videos and controlled jump-landing and cutting tasks. <i>Sports Biomechanics</i> , 2023, 22, 46-64.	0.8	15
2086	The Influence of Asymptomatic Hypermobility on Unanticipated Cutting Biomechanics. <i>Sports Health</i> , 2021, 13, 548-553.	1.3	3
2087	Towards Standardization in the Diagnostic Evaluation of ACL Injuries in Skeletally Immature Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2684.	1.2	0
2088	Rehabilitation and Return to Sport Assessment after Anterior Cruciate Ligament Injury: Quantifying Joint Kinematics during Complex High-Speed Tasks through Wearable Sensors. <i>Sensors</i> , 2021, 21, 2331.	2.1	34
2089	Injury Rates in Major League Baseball During the 2020 COVID-19 Season. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712199964.	0.8	26
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2100	The Single Leg Squat Test: A "Top-Down" or "Bottom-Up" Functional Performance Test?. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 360-370.	0.5	6
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2105	Epidemiology of Anterior Cruciate Ligament Tears in the National Football League. <i>American Journal of Sports Medicine</i> , 2021, 49, 1786-1793.	1.9	15
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2111	Effects of a rebound shoe to reduce impact forces in jump-landing tasks. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 26, 77-83.	0.5	0
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2138	Sex differences in postural orientation errors and association with objective and patient-reported function in patients with ACL injury: an exploratory cross-sectional study. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001045.	1.4	3
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2142	Hip and ankle strength and range of motion in female soccer players with dynamic knee valgus. <i>Isokinetics and Exercise Science</i> , 2021, , 1-6.	0.2	0
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2145	Ankle Dorsiflexion Affects Hip and Knee Biomechanics During Landing. <i>Sports Health</i> , 2022, 14, 328-335.	1.3	8
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2147	Patellar mobility and lower limb kinematics during functional activities in individuals with and without patellar tendinopathy. <i>Knee</i> , 2021, 30, 241-248.	0.8	3
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2156	Biomechanical Effects of a 6-Week Change-of-Direction Technique Modification Intervention on Anterior Cruciate Ligament Injury Risk. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2133-2144.	1.0	11
2157	Recommendations for Plyometric Training after ACL Reconstruction – A Clinical Commentary. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 879-895.	0.5	12
2158	Passing return-to-sport criteria and landing biomechanics in young athletes following anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2022, 40, 208-218.	1.2	11

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2164	Differences in Pivot Leg Kinematics and Electromyography Activation in Various Round House Kicking Heights. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 457-465.	0.7	4
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2174	Maturity alters drop vertical jump landing force-time profiles but not performance outcomes in adolescent females. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2055-2063.	1.3	6
2175	Reliability, validity, and maturation-related differences of frontal and sagittal plane landing kinematic measures during drop jump and tuck jump screening tests in male youth soccer players. <i>Physical Therapy in Sport</i> , 2021, 50, 206-216.	0.8	3
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2184	Differences in strength and landing biomechanics between female jumpers and swimmers. <i>Isokinetics and Exercise Science</i> , 2022, 30, 69-78.	0.2	0
2185	A clinical test examination procedure to identify knee compartment overloading: A reliability and validity study using SPECT-CT as reference. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 27, 500-506.	0.5	1
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2187	IMU-based knee flexion, abduction and internal rotation estimation during drop landing and cutting tasks. <i>Journal of Biomechanics</i> , 2021, 124, 110549.	0.9	10
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2191	Functional performance and interlimb asymmetries of young football players during single-leg jump tests. <i>German Journal of Exercise and Sport Research</i> , 2022, 52, 76-86.	1.0	0
2192	Establishing Normative Values for Inter-Limb Kinetic Symmetry During Landing in Uninjured Adolescent Athletes. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 1067-1075.	0.5	2
2193	Unilateral versus Bilateral Landing after Spike Jumps in Male and Female Volleyball: A Systematic Review. <i>Symmetry</i> , 2021, 13, 1505.	1.1	5
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2197	Effect of isolated hip abductor fatigue on single-leg landing mechanics and simulated ACL loading. Knee, 2021, 31, 118-126.	0.8	5
2198	Motor learning methods that induce high practice variability reduce kinematic and kinetic risk factors of non-contact ACL injury. Human Movement Science, 2021, 78, 102805.	0.6	16
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2209	The future of in-field sports biomechanics: wearables plus modelling compute real-time <i>in vivo</i> tissue loading to prevent and repair musculoskeletal injuries. Sports Biomechanics, 2021, , 1-29.	0.8	16
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2211	Effects of Pubertal Maturation on ACL Forces During a Landing Task in Females. American Journal of Sports Medicine, 2021, 49, 3322-3334.	1.9	10
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2215	Concurrent validity of evaluating knee kinematics using Kinect system during rehabilitation exercise. <i>Medicine in Novel Technology and Devices</i> , 2021, 11, 100068.	0.9	5
2216	Femoral Bicondylar Angles among Dry-Habitat Chimpanzees (<i>Pan troglodytes schweinfurthii</i>) Resemble Those of Humans: Implications for Knee Function, Australopith Sexual Dimorphism, and the Evolution of Bipedalism. <i>Journal of Anthropological Research</i> , 2021, 77, 303-337.	0.1	7
2217	Prediction of Trunk Injuries from Core Stability Testing in Collegiate Athletes. <i>Sports Orthopaedics and Traumatology</i> , 2021, , .	0.1	2
2218	Integrating neurocognitive challenges into injury prevention training: A clinical commentary. <i>Physical Therapy in Sport</i> , 2021, 51, 8-16.	0.8	9
2219	Comparison of Lower Extremity Kinematics during the Overhead Deep Squat by Functional Movement Screen Score. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 759-765.	0.7	3
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2223	Characteristics of ground reaction force and frontal body movement during failed trials of single-leg lateral drop jump-landing task. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2021, 26, 8-14.	0.4	0
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2225	Clinical Estimation of the Use of the Hip and Knee Extensors During Athletic Movements Using 2D Video. <i>Journal of Applied Biomechanics</i> , 2021, 37, 458-462.	0.3	2
2227	Hip passive stiffness is associated with hip kinematics during single-leg squat. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 28, 68-74.	0.5	4
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2361	Diagnosis of Anterior Cruciate Ligament Tear. , 2008, , 53-59.		1
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2627	An Exemplar Frontal Plane Visual Kinematic Stimulus Elicits Sex-Specific Learned Behavior. <i>Journal of Strength and Conditioning Research</i> , 2022, Publish Ahead of Print, 857-861.	1.0	0
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2643	What Are the Acute Effects of Reactive Neuromuscular Training on Frontal Plane Knee Kinematics During Squatting Movements? A Critically Appraised Topic. <i>International Journal of Athletic Therapy and Training</i> , 2022, 27, 170-175.	0.1	0
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2645	Influence of sidestepping expertise and core stability on knee joint loading during change of direction. <i>Journal of Sports Sciences</i> , 2022, 40, 959-967.	1.0	1
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2649	Influence of type I collagen polymorphisms and risk of anterior cruciate ligament rupture in athletes: a case-control study. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 154.	0.8	6
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2651	Exercise Technique: Counterbalance Skater Squat. <i>Strength and Conditioning Journal</i> , 2022, 44, 115-122.	0.7	1
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2661	Visual Spatial Attentional Performance Identifies Lower Extremity Injury Risk in Adolescent Athletes. <i>Clinical Journal of Sport Medicine</i> , 2022, Publish Ahead of Print, .	0.9	1
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2663	Anatomical and Neuromuscular Factors Associated to Non-Contact Anterior Cruciate Ligament Injury. <i>Journal of Clinical Medicine</i> , 2022, 11, 1402.	1.0	6
2664	The impact of sampling frequency on ground reaction force variables. <i>Journal of Biomechanics</i> , 2022, 135, 111034.	0.9	4
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2674	Muscle Activity Estimation at Drop Vertical Jump Landing Using Passive Muscle Mechanical Model. , 2021, 2021, 4722-4727.		0
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2677	Disparities in ACL Reconstruction: the Influence of Gender and Race on Incidence, Treatment, and Outcomes. <i>Current Reviews in Musculoskeletal Medicine</i> , 2022, 15, 1-9.	1.3	23
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2682	Lower extremity kinematic coupling during single and double leg landing and gait in female junior athletes with dynamic knee valgus. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 152.	0.7	0
2683	Training Management of the Elite Adolescent Soccer Player throughout Maturation. <i>Sports</i> , 2021, 9, 170.	0.7	7
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2685	Anterior cruciate ligament injury prevention in sport: biomechanically informed approaches. <i>Sports Biomechanics</i> , 2021, , 1-21.	0.8	5
2686	Fatigue and recovery have different effects on knee biomechanics of drop vertical jump between female collegiate and recreational athletes. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 739.	0.9	4
2688	Association Between the Functional Movement Screen and Landing Kinematics in Individuals With and Without Anterior Cruciate Ligament Reconstruction. <i>Journal of Sport Rehabilitation</i> , 2022, 31, 842-848.	0.4	2
2689	The Effects of Lead Leg Selection on Bilateral Landing Force-Time Characteristics: Return to Sport Testing Implications. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, , .	1.3	1
2690	Sex difference in frontal plane hip moment in response to lateral trunk obliquity during single-leg landing. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, 70.	0.7	3
2691	Prospective Study on Dynamic Postural Stability in Youth Competitive Alpine Skiers: Test-Retest Reliability and Reference Values as a Function of Sex, Age and Biological Maturation. <i>Frontiers in Physiology</i> , 2022, 13, 804165.	1.3	2
2692	Neuromuscular control and hop performance in youth and adult male and female football players. <i>Physical Therapy in Sport</i> , 2022, 55, 189-195.	0.8	2
2701	A Novel MRI Mapping Technique for Evaluating Bone Bruising Patterns Associated With Noncontact ACL Ruptures. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210889.	0.8	6
2702	Female Athletes Exhibit Greater Trial-to-Trial Coordination Variability When Provided with Instructions Promoting an External Focus. <i>Journal of Motor Behavior</i> , 2022, 54, 686-693.	0.5	4

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2705	Clinical Significance of the Static and Dynamic Q-angle. <i>Cureus</i> , 2022, , .	0.2	3
2706	Case Report Demonstrating Multifactorial Risks of Anterior Cruciate Ligament Re-tear Injuries and Appropriate Response Among Those With High Chance of Recurrence. <i>Cureus</i> , 2022, , .	0.2	0
2707	Substantial but Misunderstood Human Sexual Dimorphism Results Mainly From Sexual Selection on Males and Natural Selection on Females. <i>Frontiers in Psychology</i> , 2022, 13, .	1.1	9
2709	Biomechanical Risk Factors of Injury-Related Single-Leg Movements in Male Elite Youth Soccer Players. <i>Biomechanics</i> , 2022, 2, 281-300.	0.5	3
2710	Age-Related Changes in Landing Mechanics in Elite Male Youth Soccer Players: A Longitudinal Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5324.	1.3	4
2711	The development of a clinical screening tool to evaluate unilateral landing performance in a healthy population. <i>Physical Therapy in Sport</i> , 2022, 55, 309-315.	0.8	0
2712	Is there association between cutting and jump-landing movement quality in semi-professional football players? Implications for ACL injury risk screening. <i>Physical Therapy in Sport</i> , 2022, 56, 15-23.	0.8	9
2713	The Concurrent Validity and Reliability of Single Leg Squat Among Physically Active Females with and without Dynamic Knee Valgus. <i>International Journal of Sports Physical Therapy</i> , 2022, 17, .	0.5	0
2714	Can hip muscle strengthening interventions improve lower extremity kinematics among healthy subjects? A systematic review of randomized controlled trials. <i>Sport Sciences for Health</i> , 0, , .	0.4	0
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2720	Effectiveness of Augmented Feedback on Drop Landing Using Baseline Vertical Ground Reaction in Female Athletes. <i>International Journal of Athletic Therapy and Training</i> , 2023, 28, 40-45.	0.1	0
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2768	Relationship between Lower Extremity Fitness Levels and Injury Risk among Recreational Alpine Skiers: A Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10430.	1.2	2
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2852	Effects of Kinesio Taping on Tuck Jump Performance in Competitive Male Athletes. <i>International Journal of Sports Medicine</i> , 0, , .	0.8	0
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2867	Ankle dorsiflexion range of motion and landing postures during a soccer-specific task. <i>PLoS ONE</i> , 2023, 18, e0283150.	1.1	4
2868	Examination of overhead and single-leg squat kinematics and lower extremity injury in female collegiate athletes. <i>Journal of Sports Medicine and Physical Fitness</i> , 0, , .	0.4	0
2869	Simultaneous anterior cruciate ligament reconstruction and implant-mediated guided growth to correct genu valgum in skeletally immature patients. <i>Journal of ISAKOS</i> , 2023, 8, 184-188.	1.1	0
2870	Patellofemoral Pain, Q-Angle, and Performance in Female Chinese Collegiate Soccer Players. <i>Medicina (Lithuania)</i> , 2023, 59, 589.	0.8	1
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