Lynn Snyder-Mackler

List of Publications by Year in Descending Order

188 papers	14,932 citations	73 h-index	118 g-index
193 ext. papers	16,604 ext. citations	3.7 avg, IF	6.71 L-index

#	Paper	IF	Citations
188	Patellofemoral contact forces after ACL reconstruction: A longitudinal study.. *Journal of Biomechanics*, **2022**, 134, 110993	2.9	0
187	Quadriceps Strength Symmetry Does Not Modify Gait Mechanics After Anterior Cruciate Ligament Reconstruction, Rehabilitation, and Return-to-Sport Training. *American Journal of Sports Medicine*, **2021**, 49, 417-425	6.8	13
186	Knee biomechanics and contralateral knee osteoarthritis progression after total knee arthroplasty. *Gait and Posture*, **2021**, 91, 266-275	2.6	1
185	Knee cartilage T relaxation times 3 months after ACL reconstruction are associated with knee gait variables linked to knee osteoarthritis. *Journal of Orthopaedic Research*, **2021**,	3.8	2
184	Clinical, Functional, and Physical Activity Outcomes 5 Years Following the Treatment Algorithm of the Delaware-Oslo ACL Cohort Study. *Journal of Bone and Joint Surgery - Series A*, **2021**, 103, 1473-1481	5.6	3
183	Biomechanical Changes During a 90 Cut in Collegiate Female Soccer Players With Participation in the 11. *International Journal of Sports Physical Therapy*, **2021**, 16, 671-680	1.4	3
182	Sex and mechanism of injury influence knee joint loading symmetry during gait 6 months after ACLR. *Journal of Orthopaedic Research*, **2021**, 39, 1123-1132	3.8	2
181	Perceived barriers to implementation of injury prevention programs among collegiate women soccer coaches. *Journal of Science and Medicine in Sport*, **2021**, 24, 352-356	4.4	2
180	Pain-guided activity modification during treatment for patellar tendinopathy: a feasibility and pilot randomized clinical trial. *Pilot and Feasibility Studies*, **2021**, 7, 58	1.9	4
179	Low Rates of Radiographic Knee Osteoarthritis 5 Years After ACL Reconstruction or Rehabilitation Alone: The Delaware-Oslo ACL Cohort Study. *Orthopaedic Journal of Sports Medicine*, **2021**, 9, 23259671211027530	3.5	1
178	ACL Reconstruction Rehabilitation: Clinical Data, Biologic Healing, and Criterion-Based Milestones to Inform a Return-to-Sport Guideline.. *Sports Health*, **2021**, 19417381211056873	4.7	3
177	Operative and nonoperative management of anterior cruciate ligament injury: Differences in gait biomechanics at 5 years. *Journal of Orthopaedic Research*, **2020**, 38, 2675-2684	3.8	6
176	Treatment After Anterior Cruciate Ligament Injury: Panther Symposium ACL Treatment Consensus Group. *Orthopaedic Journal of Sports Medicine*, **2020**, 8, 2325967120931097	3.5	6
175	Activity and functional readiness, not age, are the critical factors for second anterior cruciate ligament injury - the Delaware-Oslo ACL cohort study. *British Journal of Sports Medicine*, **2020**, 54, 1099-1102	10.3	23
174	FUNCTIONAL MEASURES DO NOT DIFFER IN LATE STAGE REHABILITATION AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION ACCORDING TO MECHANISM OF INJURY. *International Journal of Sports Physical Therapy*, **2020**, 15, 744-754	1.4	
173	BIOMECHANICAL MEASURES DURING TWO SPORT-SPECIFIC TASKS DIFFERENTIATE BETWEEN SOCCER PLAYERS WHO GO ON TO ANTERIOR CRUCIATE LIGAMENT INJURY AND THOSE WHO DO NOT: A PROSPECTIVE COHORT ANALYSIS. *International Journal of Sports Physical Therapy*, **2020**, 15, 928-935	1.4	12
172	Slower Walking Speed Is Related to Early Femoral Trochlear Cartilage Degradation After ACL Reconstruction. *Journal of Orthopaedic Research*, **2020**, 38, 645-652	3.8	7

171	Restoring physical function after knee replacement: a cross sectional comparison of progressive strengthening vs standard physical therapy. *Physiotherapy Theory and Practice*, **2020**, 36, 122-133	1.5	3
170	Patellofemoral Pain. *Journal of Orthopaedic and Sports Physical Therapy*, **2019**, 49, CPG1-CPG95	4.2	97
169	Establishing outcome measures in early knee osteoarthritis. *Nature Reviews Rheumatology*, **2019**, 15, 438-448	8.1	50
168	Gait Mechanics in Women of the ACL-SPORTS Randomized Control Trial: Interlimb Symmetry Improves Over Time Regardless of Treatment Group. *Journal of Orthopaedic Research*, **2019**, 37, 1743-1753	3.8	17
167	The contralateral knee may not be a valid control for biomechanical outcomes after unilateral total knee arthroplasty. *Gait and Posture*, **2019**, 70, 179-184	2.6	9
166	Coper Classification Early After Anterior Cruciate Ligament Rupture Changes With Progressive Neuromuscular and Strength Training and Is Associated With 2-Year Success: The Delaware-Oslo ACL Cohort Study. *American Journal of Sports Medicine*, **2019**, 47, 807-814	6.8	21
165	THE EFFECT OF TRAINING ON A COMPLIANT SURFACE ON MUSCLE ACTIVATION AND CO-CONTRACTION AFTER ANTERIOR CRUCIATE LIGAMENT INJURY. *International Journal of Sports Physical Therapy*, **2019**, 14, 3554-3563	1.4	4
164	THE EFFECT OF TRAINING ON A COMPLIANT SURFACE ON MUSCLE ACTIVATION AND CO-CONTRACTION AFTER ANTERIOR CRUCIATE LIGAMENT INJURY. *International Journal of Sports Physical Therapy*, **2019**, 14, 3554-563	1.4	4
163	Extended Preoperative Rehabilitation: Does It Influence Return to Sport After Surgery? **2019**, 173-191		
162	High muscle co-contraction does not result in high joint forces during gait in anterior cruciate ligament deficient knees. *Journal of Orthopaedic Research*, **2019**, 37, 104-112	3.8	10
161	Stiff knee gait may increase risk of second total knee arthroplasty. *Journal of Orthopaedic Research*, **2019**, 37, 397-402	3.8	14
160	Clinical and Biomechanical Efficacies of Mechanical Perturbation Training After Anterior Cruciate Ligament Rupture. *Journal of Sport Rehabilitation*, **2019**, 28, 877-886	1.7	1
159	Higher compliance to a neuromuscular injury prevention program improves overall injury rate in male football players. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2018**, 26, 1975-1983	5.5	29
158	No difference between mechanical perturbation training with compliant surface and manual perturbation training on knee functional performance after ACL rupture. *Journal of Orthopaedic Research*, **2018**, 36, 1391-1397	3.8	2
157	Functional performance 6 months after ACL reconstruction can predict return to participation in the same preinjury activity level 12 and 24 months after surgery. *British Journal of Sports Medicine*, **2018**, 52, 375	10.3	57
156	Does Anterior Cruciate Ligament Reconstruction Improve Functional and Radiographic Outcomes Over Nonoperative Management 5 Years After Injury?. *American Journal of Sports Medicine*, **2018**, 46, 2103-2112	6.8	24
155	Gait Mechanics After ACL Reconstruction Differ According to Medial Meniscal Treatment. *Journal of Bone and Joint Surgery - Series A*, **2018**, 100, 1209-1216	5.6	15
154	Changes in biomechanical knee injury risk factors across two collegiate soccer seasons using the 11+ prevention program. *Scandinavian Journal of Medicine and Science in Sports*, **2018**, 28, 2592-2603	4.6	15

153	Poor Performance on Single-Legged Hop Tests Associated With Development of Posttraumatic Knee Osteoarthritis After Anterior Cruciate Ligament Injury. *Orthopaedic Journal of Sports Medicine*, **2018**, 6, 2325967118810775	3.5	7
152	Exercise-Based Knee and Anterior Cruciate Ligament Injury Prevention. *Journal of Orthopaedic and Sports Physical Therapy*, **2018**, 48, A1-A42	4.2	86
151	Gait mechanics and tibiofemoral loading in men of the ACL-SPORTS randomized control trial. *Journal of Orthopaedic Research*, **2018**, 36, 2364-2372	3.8	16
150	Comparing the effects of mechanical perturbation training with a compliant surface and manual perturbation training on joints kinematics after ACL-rupture. *Gait and Posture*, **2018**, 64, 43-49	2.6	3
149	Anterior Cruciate Ligament Injury-Who Succeeds Without Reconstructive Surgery? The Delaware-Oslo ACL Cohort Study. *Orthopaedic Journal of Sports Medicine*, **2018**, 6, 2325967118774255	3.5	22
148	Gait mechanics in those with/without medial compartment knee osteoarthritis 5 years after anterior cruciate ligament reconstruction. *Journal of Orthopaedic Research*, **2017**, 35, 625-633	3.8	34
147	Report of the Clinical and Functional Primary Outcomes in Men of the ACL-SPORTS Trial: Similar Outcomes in Men Receiving Secondary Prevention With and Without Perturbation Training 1 and 2 Years After ACL Reconstruction. *Clinical Orthopaedics and Related Research*, **2017**, 475, 2523-2534	2.2	25
146	Do Patients Failing Return-to-Activity Criteria at 6 Months After Anterior Cruciate Ligament Reconstruction Continue Demonstrating Deficits at 2 Years?. *American Journal of Sports Medicine*, **2017**, 45, 1037-1048	6.8	52
145	Report of the Primary Outcomes for Gait Mechanics in Men of the ACL-SPORTS Trial: Secondary Prevention With and Without Perturbation Training Does Not Restore Gait Symmetry in Men 1 or 2 Years After ACL Reconstruction. *Clinical Orthopaedics and Related Research*, **2017**, 475, 2513-2522	2.2	26
144	Limb Symmetry Indexes Can Overestimate Knee Function After Anterior Cruciate Ligament Injury. *Journal of Orthopaedic and Sports Physical Therapy*, **2017**, 47, 334-338	4.2	184
143	On-Ice Return-to-Hockey Progression After Anterior Cruciate Ligament Reconstruction. *Journal of Orthopaedic and Sports Physical Therapy*, **2017**, 47, 324-333	4.2	10
142	Does the FIFA 11+ Injury Prevention Program Reduce the Incidence of ACL Injury in Male Soccer Players?. *Clinical Orthopaedics and Related Research*, **2017**, 475, 2447-2455	2.2	75
141	Gait mechanics and second ACL rupture: Implications for delaying return-to-sport. *Journal of Orthopaedic Research*, **2017**, 35, 1894-1901	3.8	40
140	Predictors of knee joint loading after anterior cruciate ligament reconstruction. *Journal of Orthopaedic Research*, **2017**, 35, 651-656	3.8	18
139	How Can We Identify Copers? **2017**, 441-451		
138	Quadriceps strength asymmetry predicts loading asymmetry during sit-to-stand task in patients with unilateral total knee arthroplasty. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2016**, 24, 2587-94	5.5	26
137	Does Extended Preoperative Rehabilitation Influence Outcomes 2 Years After ACL Reconstruction? A Comparative Effectiveness Study Between the MOON and Delaware-Oslo ACL Cohorts. *American Journal of Sports Medicine*, **2016**, 44, 2608-2614	6.8	82
136	Simple decision rules can reduce reinjury risk by 84% after ACL reconstruction: the Delaware-Oslo ACL cohort study. *British Journal of Sports Medicine*, **2016**, 50, 804-8	10.3	547

135	Decreased Knee Joint Loading Associated With Early Knee Osteoarthritis After Anterior Cruciate Ligament Injury. *American Journal of Sports Medicine*, **2016**, 44, 143-51	6.8	135
134	Lower leg compensatory strategies during performance of a step up and over task in patient six-months after total knee arthroplasty. *Gait and Posture*, **2016**, 49, 41-46	2.6	11
133	Efficacy of the FIFA 11+ Injury Prevention Program in the Collegiate Male Soccer Player. *American Journal of Sports Medicine*, **2015**, 43, 2628-37	6.8	183
132	46th Mary McMillan Lecture: Not Eureka. *Physical Therapy*, **2015**, 95, 1446-56	3.3	6
131	A conceptual framework for a sports knee injury performance profile (SKIPP) and return to activity criteria (RTAC). *Brazilian Journal of Physical Therapy*, **2015**, 19, 340-59	3.7	20
130	Sex-specific gait adaptations prior to and up to 6 months after anterior cruciate ligament reconstruction. *Journal of Orthopaedic and Sports Physical Therapy*, **2015**, 45, 207-14	4.2	41
129	Relationship between biomechanical asymmetries during a step up and over task and stair climbing after total knee arthroplasty. *Clinical Biomechanics*, **2015**, 30, 78-85	2.2	24
128	Consensus criteria for defining Successful outcome after ACL injury and reconstruction: a Delaware-Oslo ACL cohort investigation. *British Journal of Sports Medicine*, **2015**, 49, 335-42	10.3	170
127	Clinically-relevant measures associated with altered contact forces in patients with anterior cruciate ligament deficiency. *Clinical Biomechanics*, **2014**, 29, 531-6	2.2	10
126	Self-reported knee function can identify athletes who fail return-to-activity criteria up to 1 year after anterior cruciate ligament reconstruction: a delaware-oslo ACL cohort study. *Journal of Orthopaedic and Sports Physical Therapy*, **2014**, 44, 914-23	4.2	99
125	Hip abductor strength reliability and association with physical function after unilateral total knee arthroplasty: a cross-sectional study. *Physical Therapy*, **2014**, 94, 1154-62	3.3	37
124	Nonsurgical or Surgical Treatment of ACL Injuries: Knee Function, Sports Participation, and Knee Reinjury: The Delaware-Oslo ACL Cohort Study. *Journal of Bone and Joint Surgery - Series A*, **2014**, 96, 1233-1241	5.6	105
123	Weight-bearing asymmetries during Sit-To-Stand in patients with mild-to-moderate hip osteoarthritis. *Gait and Posture*, **2014**, 39, 683-8	2.6	31
122	Knee contact force asymmetries in patients who failed return-to-sport readiness criteria 6 months after anterior cruciate ligament reconstruction. *American Journal of Sports Medicine*, **2014**, 42, 2917-25	6.8	44
121	Sex differences in patients with different stages of knee osteoarthritis. *Archives of Physical Medicine and Rehabilitation*, **2014**, 95, 2376-81	2.8	24
120	Associations between knee extensor power and functional performance in patients after total knee arthroplasty and normal controls without knee pain. *International Journal of Sports Physical Therapy* , **2014**, 9, 168-78	1.4	15
119	Activation deficits do not limit quadriceps strength training gains in patients after total knee arthroplasty. *International Journal of Sports Physical Therapy*, **2014**, 9, 329-37	1.4	5
118	Symmetry restoration and functional recovery before and after anterior cruciate ligament reconstruction. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2013**, 21, 859-68	5.5	77

117	Anterior cruciate ligament- specialized post-operative return-to-sports (ACL-SPORTS) training: a randomized control trial. *BMC Musculoskeletal Disorders*, **2013**, 14, 108	2.8	54
116	Pre-operative quadriceps strength predicts IKDC2000 scores 6 months after anterior cruciate ligament reconstruction. *Knee*, **2013**, 20, 208-12	2.6	66
115	Altered loading in the injured knee after ACL rupture. *Journal of Orthopaedic Research*, **2013**, 31, 458-64	3.8	46
114	Association between long-term quadriceps weakness and early walking muscle co-contraction after total knee arthroplasty. *Knee*, **2013**, 20, 426-31	2.6	22
113	Dynamic joint stiffness and co-contraction in subjects after total knee arthroplasty. *Clinical Biomechanics*, **2013**, 28, 205-10	2.2	23
112	Minimum detectable change for knee joint contact force estimates using an EMG-driven model. *Gait and Posture*, **2013**, 38, 1051-3	2.6	35
111	Single-step test for unilateral limb ability following total knee arthroplasty. *Journal of Orthopaedic and Sports Physical Therapy*, **2013**, 43, 66-73	4.2	12
110	Kinesiophobia after anterior cruciate ligament rupture and reconstruction: noncopers versus potential copers. *Journal of Orthopaedic and Sports Physical Therapy*, **2013**, 43, 821-32	4.2	52
109	Biofeedback to promote movement symmetry after total knee arthroplasty: a feasibility study. *Journal of Orthopaedic and Sports Physical Therapy*, **2013**, 43, 715-26	4.2	30
108	Perception and presentation of function in patients with unilateral versus bilateral knee osteoarthritis. *Arthritis Care and Research*, **2013**, 65, 406-13	4.7	14
107	Gait patterns differ between ACL-reconstructed athletes who pass return-to-sport criteria and those who fail. *American Journal of Sports Medicine*, **2013**, 41, 1310-8	6.8	152
106	Guidelines for Operative Versus Nonoperative Management of Anterior Cruciate Ligament Injuries **2013**, 75-88		
105	Preoperative predictors for noncopers to pass return to sports criteria after ACL reconstruction. *Journal of Applied Biomechanics*, **2012**, 28, 366-73	1.2	42
104	Unilateral stance strategies of athletes with ACL deficiency. *Journal of Applied Biomechanics*, **2012**, 28, 374-86	1.2	24
103	Current concepts for anterior cruciate ligament reconstruction: a criterion-based rehabilitation progression. *Journal of Orthopaedic and Sports Physical Therapy*, **2012**, 42, 601-14	4.2	319
102	The effects of neuromuscular training on the gait patterns of ACL-deficient men and women. *Clinical Biomechanics*, **2012**, 27, 360-5	2.2	56
101	Developing Treatment Pathways **2012**, 32-40		
100	Predicting poor physical performance after total knee arthroplasty. *Journal of Orthopaedic Research*, **2012**, 30, 1805-10	3.8	26

99	Single-legged hop tests as predictors of self-reported knee function after anterior cruciate ligament reconstruction: the Delaware-Oslo ACL cohort study. *American Journal of Sports Medicine*, **2012**, 40, 2348-56	6.8	206
98	Muscle impairments in patients with knee osteoarthritis. *Sports Health*, **2012**, 4, 284-92	4.7	77
97	Quadriceps activation failure after anterior cruciate ligament rupture is not mediated by knee joint effusion. *Journal of Orthopaedic and Sports Physical Therapy*, **2012**, 42, 502-10	4.2	33
96	Do patients achieve normal gait patterns 3 years after total knee arthroplasty?. *Journal of Orthopaedic and Sports Physical Therapy*, **2012**, 42, 1039-49	4.2	48
95	Functional and biomechanical outcomes after using biofeedback for retraining symmetrical movement patterns after total knee arthroplasty: a case report. *Journal of Orthopaedic and Sports Physical Therapy*, **2012**, 42, 135-44	4.2	22
94	A pair-matched comparison of return to pivoting sports at 1 year in anterior cruciate ligament-injured patients after a nonoperative versus an operative treatment course. *American Journal of Sports Medicine*, **2012**, 40, 2509-16	6.8	91
93	Gait and neuromuscular asymmetries after acute anterior cruciate ligament rupture. *Medicine and Science in Sports and Exercise*, **2012**, 44, 1490-6	1.2	64
92	Time course of quad strength, area, and activation after knee arthroplasty and strength training. *Medicine and Science in Sports and Exercise*, **2011**, 43, 225-31	1.2	43
91	Measuring functional improvement after total knee arthroplasty requires both performance-based and patient-report assessments: a longitudinal analysis of outcomes. *Journal of Arthroplasty*, **2011**, 26, 728-37	4.4	242
90	Gait after unilateral total knee arthroplasty: frontal plane analysis. *Journal of Orthopaedic Research*, **2011**, 29, 647-52	3.8	73
89	Quadriceps strength and weight acceptance strategies continue to improve two years after anterior cruciate ligament reconstruction. *Journal of Biomechanics*, **2011**, 44, 1948-53	2.9	125
88	Single-legged hop tests as predictors of self-reported knee function in nonoperatively treated individuals with anterior cruciate ligament injury. *American Journal of Sports Medicine*, **2011**, 39, 2347-54	6.8	104
87	Quantifying Neuromuscular Electrical Stimulation Dosage after Knee Arthroplasty. *Journal of Life Sciences (Libertyville, Ill)*, **2011**, 5, 581-583	1	5
86	A progressive 5-week exercise therapy program leads to significant improvement in knee function early after anterior cruciate ligament injury. *Journal of Orthopaedic and Sports Physical Therapy*, **2010**, 40, 705-21	4.2	153
85	Early postoperative measures predict 1- and 2-year outcomes after unilateral total knee arthroplasty: importance of contralateral limb strength. *Physical Therapy*, **2010**, 90, 43-54	3.3	71
84	Knee pain and mobility impairments: meniscal and articular cartilage lesions. *Journal of Orthopaedic and Sports Physical Therapy*, **2010**, 40, A1-A35	4.2	65
83	Time line for noncopers to pass return-to-sports criteria after anterior cruciate ligament reconstruction. *Journal of Orthopaedic and Sports Physical Therapy*, **2010**, 40, 141-54	4.2	152
82	Knee stability and movement coordination impairments: knee ligament sprain. *Journal of Orthopaedic and Sports Physical Therapy*, **2010**, 40, A1-A37	4.2	143

81	Response of male and female subjects after total knee arthroplasty to repeated neuromuscular electrical stimulation of the quadriceps femoris muscle. *American Journal of Physical Medicine and Rehabilitation*, **2010**, 89, 464-72	2.6	15
80	Functional tests should be accentuated more in the decision for ACL reconstruction. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2010**, 18, 1517-25	5.5	44
79	The Chitranjan Ranawat Award: The nonoperated knee predicts function 3 years after unilateral total knee arthroplasty. *Clinical Orthopaedics and Related Research*, **2010**, 468, 37-44	2.2	67
78	Impact of body mass index on functional performance after total knee arthroplasty. *Journal of Arthroplasty*, **2010**, 25, 1104-9	4.4	50
77	Invited commentary on "Orthopedic surgeons and physical therapists differ in assessment of need for physical therapy after traumatic lower-extremity injury". *Physical Therapy*, **2009**, 89, e9; author reply e10	3.3	1
76	Management of the athlete with acute anterior cruciate ligament deficiency. *Sports Health*, **2009**, 1, 39-46	4.7	12
75	Interrater reliability of a clinical scale to assess knee joint effusion. *Journal of Orthopaedic and Sports Physical Therapy*, **2009**, 39, 845-9	4.2	103
74	Proximal gait adaptations in medial knee OA. *Journal of Orthopaedic Research*, **2009**, 27, 78-83	3.8	57
73	Perturbation training prior to ACL reconstruction improves gait asymmetries in non-copers. *Journal of Orthopaedic Research*, **2009**, 27, 724-9	3.8	99
72	Medial knee joint loading increases in those who respond to hyaluronan injection for medial knee osteoarthritis. *Journal of Orthopaedic Research*, **2009**, 27, 1420-5	3.8	31
71	Improved function from progressive strengthening interventions after total knee arthroplasty: a randomized clinical trial with an imbedded prospective cohort. *Arthritis and Rheumatism*, **2009**, 61, 174-83		225
70	Functional and perceived response to intra-articular hyaluronan injection in patients with knee osteoarthritis: persistence of treatment effects over 5 months. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2009**, 17, 763-9	5.5	6
69	Sit-to-stand 3 months after unilateral total knee arthroplasty: comparison of self-selected and constrained conditions. *Gait and Posture*, **2009**, 30, 187-91	2.6	27
68	Treatment of osteoarthritis of the knee (nonarthroplasty). *Journal of the American Academy of Orthopaedic Surgeons, The*, **2009**, 17, 591-600	4.5	124
67	Examining outcomes from total knee arthroplasty and the relationship between quadriceps strength and knee function over time. *Clinical Biomechanics*, **2008**, 23, 320-8	2.2	199
66	Persistence of altered movement patterns during a sit-to-stand task 1 year following unilateral total knee arthroplasty. *Physical Therapy*, **2008**, 88, 567-79	3.3	66
65	A 10-year prospective trial of a patient management algorithm and screening examination for highly active individuals with anterior cruciate ligament injury: Part 2, determinants of dynamic knee stability. *American Journal of Sports Medicine*, **2008**, 36, 48-56	6.8	60
64	A 10-year prospective trial of a patient management algorithm and screening examination for highly active individuals with anterior cruciate ligament injury: Part 1, outcomes. *American Journal of Sports Medicine*, **2008**, 36, 40-7	6.8	87

63	Individuals with an anterior cruciate ligament-deficient knee classified as noncopers may be candidates for nonsurgical rehabilitation. *Journal of Orthopaedic and Sports Physical Therapy*, **2008**, 38, 586-95	4.2	81
62	Influence of age, gender, and injury mechanism on the development of dynamic knee stability after acute ACL rupture. *Journal of Orthopaedic and Sports Physical Therapy*, **2008**, 38, 36-41	4.2	44
61	Mechanisms underlying quadriceps weakness in knee osteoarthritis. *Medicine and Science in Sports and Exercise*, **2008**, 40, 422-7	1.2	129
60	Effects of the amount of valgus correction for medial compartment knee osteoarthritis on clinical outcome, knee kinetics and muscle co-contraction after opening wedge high tibial osteotomy. *Journal of Orthopaedic Research*, **2007**, 25, 311-8	3.8	56
59	Knee instability after acute ACL rupture affects movement patterns during the mid-stance phase of gait. *Journal of Orthopaedic Research*, **2007**, 25, 1369-77	3.8	146
58	A Mechanical Theory for the Effectiveness of Bracing for Medial Compartment Osteoarthritis of the Knee. *Journal of Bone and Joint Surgery - Series A*, **2007**, 89, 2398-2407	5.6	46
57	Altered knee kinematics in ACL-deficient non-copers: a comparison using dynamic MRI. *Journal of Orthopaedic Research*, **2006**, 24, 132-40	3.8	54
56	The use of neuromuscular electrical stimulation to improve activation deficits in a patient with chronic quadriceps strength impairments following total knee arthroplasty. *Journal of Orthopaedic and Sports Physical Therapy*, **2006**, 36, 678-85	4.2	54
55	Perturbation-enhanced neuromuscular training alters muscle activity in female athletes. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2006**, 14, 60-9	5.5	95
54	Quadriceps weakness, atrophy, and activation failure in predicted noncopers after anterior cruciate ligament injury. *American Journal of Sports Medicine*, **2005**, 33, 402-7	6.8	132
53	Perturbation Training Improves Knee Kinematics and Reduces Muscle Co-contraction After Complete Unilateral Anterior Cruciate Ligament Rupture. *Physical Therapy*, **2005**, 85, 740-749	3.3	138
52	Altered loading during walking and sit-to-stand is affected by quadriceps weakness after total knee arthroplasty. *Journal of Orthopaedic Research*, **2005**, 23, 1083-90	3.8	256
51	Quadriceps femoris muscle morphology and function after ACL injury: a differential response in copers versus non-copers. *Journal of Biomechanics*, **2005**, 38, 685-93	2.9	88
50	Knee stabilization in patients with medial compartment knee osteoarthritis. *Arthritis and Rheumatism*, **2005**, 52, 2845-53		84
49	Accuracy of predicting maximal quadriceps force from submaximal effort contractions after anterior cruciate ligament injury. *Muscle and Nerve*, **2005**, 32, 500-5	3.4	19
48	Early quadriceps strength loss after total knee arthroplasty. The contributions of muscle atrophy and failure of voluntary muscle activation. *Journal of Bone and Joint Surgery - Series A*, **2005**, 87, 1047-53	5.6	293
47	Quadriceps strength and the time course of functional recovery after total knee arthroplasty. *Journal of Orthopaedic and Sports Physical Therapy*, **2005**, 35, 424-36	4.2	366
46	EARLY QUADRICEPS STRENGTH LOSS AFTER TOTAL KNEE ARTHROPLASTY. *Journal of Bone and Joint Surgery - Series A*, **2005**, 87, 1047-1053	5.6	71

45	Perturbation training improves knee kinematics and reduces muscle co-contraction after complete unilateral anterior cruciate ligament rupture. *Physical Therapy*, **2005**, 85, 740-9; discussion 750-4	3.3	59
44	Preoperative quadriceps strength predicts functional ability one year after total knee arthroplasty. *Journal of Rheumatology*, **2005**, 32, 1533-9	4.1	140
43	Neuromuscular electrical stimulation for quadriceps muscle strengthening after bilateral total knee arthroplasty: a case series. *Journal of Orthopaedic and Sports Physical Therapy*, **2004**, 34, 21-9	4.2	154
42	Quadriceps femoris muscle weakness and activation failure in patients with symptomatic knee osteoarthritis. *Journal of Orthopaedic Research*, **2004**, 22, 110-5	3.8	227
41	Control of frontal plane knee laxity during gait in patients with medial compartment knee osteoarthritis. *Osteoarthritis and Cartilage*, **2004**, 12, 745-51	6.2	256
40	A systematic review of evidence for anterior cruciate ligament rehabilitation: how much and what type?. *Physical Therapy in Sport*, **2004**, 5, 125-145	3	105
39	A prospective analysis of incidence and severity of quadriceps inhibition in a consecutive sample of 100 patients with complete acute anterior cruciate ligament rupture. *Journal of Orthopaedic Research*, **2004**, 22, 925-30	3.8	117
38	Differences in normal and perturbed walking kinematics between male and female athletes. *Clinical Biomechanics*, **2004**, 19, 465-72	2.2	67
37	Effect of dynamic stability on a step task in ACL deficient individuals. *Journal of Electromyography and Kinesiology*, **2004**, 14, 565-75	2.5	58
36	Muscle and tendon morphology after reconstruction of the anterior cruciate ligament with autologous semitendinosus-gracilis graft. *Journal of Bone and Joint Surgery - Series A*, **2004**, 86, 1936-46	5.6	75
35	Dynamic knee stability after anterior cruciate ligament rupture. *Exercise and Sport Sciences Reviews*, **2003**, 31, 195-200	6.7	25
34	Voluntary Activation and Decreased Force Production of the Quadriceps Femoris Muscle After Total Knee Arthroplasty. *Physical Therapy*, **2003**, 83, 359-365	3.3	128
33	Predictability of maximum voluntary isometric knee extension force from submaximal contractions in older adults. *Muscle and Nerve*, **2003**, 27, 40-5	3.4	26
32	Are voluntary muscle activation deficits in older adults meaningful?. *Muscle and Nerve*, **2003**, 27, 99-101	3.4	78
31	Quadriceps strength and volitional activation before and after total knee arthroplasty for osteoarthritis. *Journal of Orthopaedic Research*, **2003**, 21, 775-9	3.8	273
30	Eccentric muscle contractions: their contribution to injury, prevention, rehabilitation, and sport. *Journal of Orthopaedic and Sports Physical Therapy*, **2003**, 33, 557-71	4.2	264
29	Voluntary activation and decreased force production of the quadriceps femoris muscle after total knee arthroplasty. *Physical Therapy*, **2003**, 83, 359-65	3.3	50
28	Development of dynamic knee stability after acute ACL injury. *Journal of Electromyography and Kinesiology*, **2002**, 12, 267-74	2.5	70

27	The effect of insufficient quadriceps strength on gait after anterior cruciate ligament reconstruction. *Clinical Biomechanics*, **2002**, 17, 56-63	2.2	362
26	Neuromuscular control of the ACL deficient knee: Implications for the development of osteoarthritis **2002**, 465-472		
25	Maximum Voluntary Activation in Nonfatigued and Fatigued Muscle of Young and Elderly Individuals. *Physical Therapy*, **2001**, 81, 1102-1109	3.3	144
24	The use of electrical stimulation to increase quadriceps femoris muscle force in an elderly patient following a total knee arthroplasty. *Physical Therapy*, **2001**, 81, 1565-71	3.3	54
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