

Michael A Hunt, Pt

List of Publications by Year in descending order

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Version: 2024-02-01

145
papers

7,359
citations

66234

42
h-index

60497

81
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152
all docs

152
docs citations

152
times ranked

6849
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability, Validity, Responsiveness, and Minimum Important Change of the Stair Climb Test in Adults With Hip and Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2023, 75, 1147-1157.	1.5	4
2	The Influence of Running on Lower Limb Cartilage: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2022, 52, 55-74.	3.1	22
3	Are biomechanics during gait associated with the structural disease onset and progression of lower limb osteoarthritis? A systematic review and meta-analysis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 381-394.	0.6	21
4	Efficacy of the SOAR knee health program: protocol for a two-arm stepped-wedge randomized delayed-controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 85.	0.8	8
5	Feasibility of the SOAR (Stop OsteoARthritis) program. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100239.	0.9	4
6	Does the stimulus provoking a stepping reaction correlate with step characteristics and clinical measures of balance and mobility post-stroke?. <i>Clinical Biomechanics</i> , 2022, 93, 105595.	0.5	0
7	Infographic. Consensus recommendations on the classification, definition and diagnostic criteria of hip-related pain in young and middle-aged active adults from the International Hip-related Pain Research Network, Zurich 2018. <i>British Journal of Sports Medicine</i> , 2021, 55, 115-117.	3.1	2
8	Knee-specific gait biomechanics are reliable when collected in multiple laboratories by independent raters. <i>Journal of Biomechanics</i> , 2021, 115, 110182.	0.9	5
9	Using the VERT wearable device to monitor jumping loads in elite volleyball athletes. <i>PLoS ONE</i> , 2021, 16, e0245299.	1.1	5
10	Relationships Between Stepping-Reaction Movement Patterns and Clinical Measures of Balance, Motor Impairment, and Step Characteristics After Stroke. <i>Physical Therapy</i> , 2021, 101, .	1.1	2
11	Smartphone Inclinometry Is a Valid and Reliable Tool for Measuring Frontal Plane Tibial Alignment in Healthy and Osteoarthritic Knees. <i>Physical Therapy</i> , 2021, 101, .	1.1	3
12	Assessing acute:chronic workload ratio methodologies for the prediction of knee pain in men's elite volleyball. <i>Translational Sports Medicine</i> , 2021, 4, 677-683.	0.5	0
13	Frontal plane knee alignment mediates the effect of frontal plane rearfoot motion on knee joint load distribution during walking in people with medial knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 678-686.	0.6	6
14	Tibiofemoral Contact Measures During Standing in Toe-In and Toe-Out Postures. <i>Journal of Applied Biomechanics</i> , 2021, 37, 233-239.	0.3	1
15	The effects of cholesterol accumulation on Achilles tendon biomechanics: A cross-sectional study. <i>PLoS ONE</i> , 2021, 16, e0257269.	1.1	10
16	Wearable Real-Time Haptic Biofeedback Foot Progression Angle Gait Modification to Assess Short-Term Retention and Cognitive Demand. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1858-1865.	2.7	5
17	An exploration of changes in plantar pressure distributions during walking with standalone and supported lateral wedge insole designs. <i>Journal of Foot and Ankle Research</i> , 2021, 14, 55.	0.7	5
18	Learning Gait Modifications for Musculoskeletal Rehabilitation: Applying Motor Learning Principles to Improve Research and Clinical Implementation. <i>Physical Therapy</i> , 2021, 101, .	1.1	9

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19	Open MRI validation of a hip model driven with subject-specific motion capture data in predicting anterior femoroacetabular clearance. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 972.	0.8	0
20	Open MRI assessment of anterior femoroacetabular clearance in active and passive impingement-provoking postures. <i>Bone & Joint Open</i> , 2021, 2, 988-996.	1.1	3
21	Osteoarthritis year in review 2019: mechanics. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 267-274.	0.6	42
22	Standardised measurement of physical capacity in young and middle-aged active adults with hip-related pain: recommendations from the first International Hip-related Pain Research Network (IHiPRN) meeting, Zurich, 2018. <i>British Journal of Sports Medicine</i> , 2020, 54, 702-710.	3.1	29
23	Physiotherapist-led treatment for young to middle-aged active adults with hip-related pain: consensus recommendations from the International Hip-related Pain Research Network, Zurich 2018. <i>British Journal of Sports Medicine</i> , 2020, 54, 504-511.	3.1	34
24	Reliability of tibiofemoral contact area and centroid location in upright, open MRI. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 795.	0.8	4
25	Symptomatic knee osteoarthritis is associated with worse but stable quality of life and physical function regardless of the compartmental involvement: Data from the OAI. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100117.	0.9	0
26	Validity and reliability of wearable inertial sensors in healthy adult walking: a systematic review and meta-analysis. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 62.	2.4	125
27	The use of a single sacral marker method to approximate the centre of mass trajectory during treadmill running. <i>Journal of Biomechanics</i> , 2020, 108, 109886.	0.9	17
28	Immediate effects of valgus bracing on knee joint moments during walking in knee-healthy individuals: Potential modifying effects of body height. <i>Gait and Posture</i> , 2020, 80, 383-390.	0.6	0
29	Influence of foot posture on immediate biomechanical responses during walking to variable-stiffness supported lateral wedge insole designs. <i>Gait and Posture</i> , 2020, 81, 21-26.	0.6	8
30	What are the perceptions of runners and healthcare professionals on footwear and running injury risk?. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000767.	1.4	13
31	Biomechanics during cross-body lunging in individuals with and without painful cam and/or pincer morphology. <i>Clinical Biomechanics</i> , 2020, 76, 105030.	0.5	5
32	Patient-reported outcome measures for hip-related pain: a review of the available evidence and a consensus statement from the International Hip-related Pain Research Network, Zurich 2018. <i>British Journal of Sports Medicine</i> , 2020, 54, 848-857.	3.1	59
33	Consensus recommendations on the classification, definition and diagnostic criteria of hip-related pain in young and middle-aged active adults from the International Hip-related Pain Research Network, Zurich 2018. <i>British Journal of Sports Medicine</i> , 2020, 54, 631-641.	3.1	74
34	Portable, automated foot progression angle gait modification via a proof-of-concept haptic feedback-sensorized shoe. <i>Journal of Biomechanics</i> , 2020, 107, 109789.	0.9	14
35	Cartilage recovery in runners with and without knee osteoarthritis: A pilot study. <i>Knee</i> , 2019, 26, 1049-1057.	0.8	16
36	Individuals with knee osteoarthritis present increased gait pattern deviations as measured by a knee-specific gait deviation index. <i>Gait and Posture</i> , 2019, 72, 82-88.	0.6	13

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37	Validity and reliability of a shoe-embedded sensor module for measuring foot progression angle during over-ground walking. <i>Journal of Biomechanics</i> , 2019, 89, 123-127.	0.9	18
38	Regional Vastus Medialis and Vastus Lateralis Activation in Females with Patellofemoral Pain. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 411-420.	0.2	6
39	Challenging Standing Balance Reduces the Asymmetry of Motor Control of Postural Sway Poststroke. <i>Motor Control</i> , 2019, 23, 327-343.	0.3	12
40	Kinematic Correlates of Kinetic Outcomes Associated With Running-Related Injury. <i>Journal of Applied Biomechanics</i> , 2019, 35, 123-130.	0.3	22
41	Real-Time Biofeedback of Performance to Reduce Braking Forces Associated With Running-Related Injury: An Exploratory Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 136-144.	1.7	23
42	Ankle Joint and Rearfoot Biomechanics During Toe-In and Toe-Out Walking in People With Medial Compartment Knee Osteoarthritis. <i>PM and R</i> , 2019, 11, 503-511.	0.9	10
43	Vastus Lateralis Motor Unit Firing Rate Is Higher in Women With Patellofemoral Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 907-913.	0.5	14
44	Clinical and biomechanical changes following a 4-month toe-out gait modification program for people with medial knee osteoarthritis: a randomized controlled trial. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 903-911.	0.6	47
45	Contralateral limb foot rotation during unilateral toe-in or toe-out walking in people with knee osteoarthritis. <i>Gait and Posture</i> , 2018, 62, 132-134.	0.6	4
46	Long-term gait outcomes following conservative management of idiopathic toe walking. <i>Gait and Posture</i> , 2018, 62, 214-219.	0.6	27
47	The effects of shoe-worn insoles on gait biomechanics in people with knee osteoarthritis: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 238-253.	3.1	49
48	A Comparison of Pain, Fatigue, Dyspnea and their Impact on Quality of Life in Pulmonary Rehabilitation Participants with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 65-72.	0.7	42
49	Gait patterns, symptoms, and function in patients with isolated tibiofemoral osteoarthritis and combined tibiofemoral and patellofemoral osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1666-1672.	1.2	5
50	What are the perceptions about running and knee joint health among the public and healthcare practitioners in Canada?. <i>PLoS ONE</i> , 2018, 13, e0204872.	1.1	12
51	Toe-in and toe-out walking require different lower limb neuromuscular patterns in people with knee osteoarthritis. <i>Journal of Biomechanics</i> , 2018, 76, 112-118.	0.9	14
52	Trunk and lower limb biomechanics during stair climbing in people with and without symptomatic femoroacetabular impingement. <i>Clinical Biomechanics</i> , 2017, 42, 108-114.	0.5	25
53	Dynamic Balance Training Improves Physical Function in Individuals With Knee Osteoarthritis: A Pilot Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 1586-1593.	0.5	35
54	The Effects of a Heel Wedge on Hip, Pelvis and Trunk Biomechanics During Squatting in Resistance Trained Individuals. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1678-1687.	1.0	14

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55	Lateral wedges with and without custom arch support for people with medial knee osteoarthritis and pronated feet: an exploratory randomized crossover study. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 20.	0.7	24
56	The Biomechanical Demands on the Hip During Progressive Stepping Tasks. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 3444-3453.	1.0	8
57	Ankle and knee biomechanics during normal walking following ankle plantarflexor fatigue. <i>Journal of Electromyography and Kinesiology</i> , 2017, 35, 24-29.	0.7	11
58	Gait retraining: out of the lab and onto the streets with the benefit of wearables. <i>British Journal of Sports Medicine</i> , 2017, 51, 1642-1643.	3.1	25
59	Validation of a smart shoe for estimating foot progression angle during walking gait. <i>Journal of Biomechanics</i> , 2017, 61, 193-198.	0.9	35
60	Respiratory Mechanical and Cardiorespiratory Consequences of Cycling with Aerobars. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2578-2584.	0.2	7
61	Factor Analysis of the Community Balance and Mobility Scale in Individuals with Knee Osteoarthritis. <i>Physiotherapy Research International</i> , 2017, 22, e1675.	0.7	3
62	Comorbidities That Cause Pain and the Contributors to Pain in Individuals With Chronic Obstructive Pulmonary Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 1535-1543.	0.5	35
63	A Pre-Operative Exercise Intervention Can Be Safely Delivered to People with Femoroacetabular Impingement and Improve Clinical and Biomechanical Outcomes. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2017, 69, 204-211.	0.3	12
64	Knee and ankle biomechanics with lateral wedges with and without a custom arch support in those with medial knee osteoarthritis and flat feet. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1597-1605.	1.2	41
65	Physical Therapist-Delivered Pain Coping Skills Training and Exercise for Knee Osteoarthritis: Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2016, 68, 590-602.	1.5	125
66	Motor Planning for Loading During Gait in Subacute Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 528-535.	0.5	5
67	Immediate Effects of a Brace on Gait Biomechanics for Predominant Lateral Knee Osteoarthritis and Valgus Malalignment After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2016, 44, 865-873.	1.9	16
68	The effect of Tai Chi on four chronic conditions—cancer, osteoarthritis, heart failure and chronic obstructive pulmonary disease: a systematic review and meta-analyses. <i>British Journal of Sports Medicine</i> , 2016, 50, 397-407.	3.1	90
69	Clinical Tests of Standing Balance in the Knee Osteoarthritis Population: Systematic Review and Meta-analysis. <i>Physical Therapy</i> , 2016, 96, 324-337.	1.1	40
70	Laboratory-based measurement of standing balance in individuals with knee osteoarthritis: A systematic review. <i>Clinical Biomechanics</i> , 2015, 30, 330-342.	0.5	34
71	Behavior of medial gastrocnemius motor units during postural reactions to external perturbations after stroke. <i>Clinical Neurophysiology</i> , 2015, 126, 1951-1958.	0.7	10
72	Influence of Biomechanical Characteristics on Pain and Function Outcomes From Exercise in Medial Knee Osteoarthritis and Varus Malalignment: Exploratory Analyses From a Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2015, 67, 1281-1288.	1.5	35

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73	Gait modifications to change lower extremity gait biomechanics in runners: a systematic review. <i>British Journal of Sports Medicine</i> , 2015, 49, 1382-1388.	3.1	88
74	Factors Associated With Dynamic Balance in People With Knee Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 1873-1879.	0.5	21
75	Validity and Reliability of the Community Balance and Mobility Scale in Individuals With Knee Osteoarthritis. <i>Physical Therapy</i> , 2014, 94, 866-874.	1.1	53
76	Protocol for a randomized controlled clinical trial investigating the effectiveness of Fast muscle Activation and Stepping Training (FAST) for improving balance and mobility in sub-acute stroke. <i>BMC Neurology</i> , 2014, 14, 187.	0.8	7
77	Effects of a 10-week toe-out gait modification intervention in people with medial knee osteoarthritis: a pilot, feasibility study. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 904-911.	0.6	82
78	Test re-test reliability of centre of pressure measures during standing balance in individuals with knee osteoarthritis. <i>Gait and Posture</i> , 2014, 40, 270-273.	0.6	23
79	Author response to the letter: On "Validity and reliability of the Nintendo Wii Balance Board for assessment of standing balance" Are the conclusions stated by the authors justified?. <i>Gait and Posture</i> , 2014, 39, 1151-1154.	0.6	6
80	Biomechanical mechanisms of toe-out gait performance in people with and without knee osteoarthritis. <i>Clinical Biomechanics</i> , 2014, 29, 83-86.	0.5	18
81	Motor unit recruitment and firing rate in medial gastrocnemius muscles during external perturbations in standing in humans. <i>Journal of Neurophysiology</i> , 2014, 112, 1678-1684.	0.9	10
82	Neuromuscular Versus Quadriceps Strengthening Exercise in Patients With Medial Knee Osteoarthritis and Varus Malalignment: A Randomized Controlled Trial. <i>Arthritis and Rheumatology</i> , 2014, 66, 950-959.	2.9	138
83	Use of the Challenge Point Framework to Guide Motor Learning of Stepping Reactions for Improved Balance Control in People With Stroke: A Case Series. <i>Physical Therapy</i> , 2014, 94, 562-570.	1.1	20
84	Validation of the Fitbit One activity monitor device during treadmill walking. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 496-500.	0.6	280
85	Lateral trunk lean gait modification increases the energy cost of treadmill walking in those with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 203-209.	0.6	24
86	Comparison of Mirror, Raw Video, and Real-Time Visual Biofeedback for Training Toe-Out Gait in Individuals With Knee Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 1912-1917.	0.5	27
87	Quantified self and human movement: A review on the clinical impact of wearable sensing and feedback for gait analysis and intervention. <i>Gait and Posture</i> , 2014, 40, 11-19.	0.6	309
88	Relationships amongst osteoarthritis biomarkers, dynamic knee joint load, and exercise: results from a randomized controlled pilot study. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 115.	0.8	39
89	Non-iterative partial view 3D ultrasound to CT registration in ultrasound-guided computer-assisted orthopedic surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2013, 8, 157-168.	1.7	18
90	Exercise, Gait Retraining, Footwear and Insoles for Knee Osteoarthritis. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2013, 1, 21-28.	0.3	6

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91	Sagittal plane joint loading is related to knee flexion in osteoarthritic gait. <i>Clinical Biomechanics</i> , 2013, 28, 916-920.	0.5	42
92	Reliability and validity of the Performance Recorder 1 for measuring isometric knee flexor and extensor strength. <i>Physiotherapy Theory and Practice</i> , 2013, 29, 639-647.	0.6	13
93	Biomechanical Deviations During Level Walking Associated With Knee Osteoarthritis: A Systematic Review and Meta-Analysis. <i>Arthritis Care and Research</i> , 2013, 65, 1643-1665.	1.5	141
94	Kinematic and kinetic differences during walking in patients with and without symptomatic femoroacetabular impingement. <i>Clinical Biomechanics</i> , 2013, 28, 519-523.	0.5	94
95	A physiotherapist-delivered, combined exercise and pain coping skills training intervention for individuals with knee osteoarthritis: A pilot study. <i>Knee</i> , 2013, 20, 106-112.	0.8	60
96	Altering foot progression angle in people with medial knee osteoarthritis: the effects of varying toe-in and toe-out angles are mediated by pain and malalignment. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1272-1280.	0.6	125
97	Update on the Role of Muscle in the Genesis and Management of Knee Osteoarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2013, 39, 145-176.	0.8	164
98	Validity of the Microsoft Kinect for providing lateral trunk lean feedback during gait retraining. <i>Gait and Posture</i> , 2013, 38, 1064-1066.	0.6	150
99	Validity of the Nintendo Wii® balance board for the assessment of standing balance in Parkinson's disease. <i>Clinical Rehabilitation</i> , 2013, 27, 361-366.	1.0	114
100	A systematic review and meta-analysis of lower limb neuromuscular alterations associated with knee osteoarthritis during level walking. <i>Clinical Biomechanics</i> , 2013, 28, 713-724.	0.5	61
101	Movement Retraining using Real-time Feedback of Performance. <i>Journal of Visualized Experiments</i> , 2013, , e50182.	0.2	2
102	A Physiotherapy Triage Service for Orthopaedic Surgery: An Effective Strategy for Reducing Wait Times. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2013, 65, 358-363.	0.3	42
103	The role of neuromuscular changes in aging and knee osteoarthritis on dynamic postural control. , 2013, 4, 84-99.		12
104	The effect of contralateral pelvic drop and trunk lean on frontal plane knee biomechanics during single limb standing. <i>Journal of Biomechanics</i> , 2012, 45, 2791-2796.	0.9	49
105	Biomechanical and Clinical Outcomes With Shock-Absorbing Insoles in Patients With Knee Osteoarthritis: Immediate Effects and Changes After 1 Month of Wear. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 503-508.	0.5	28
106	Gait Differs Between Unilateral and Bilateral Knee Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 822-827.	0.5	87
107	Trunk lean gait modification and knee joint load in people with medial knee osteoarthritis: The effect of varying trunk lean angles. <i>Arthritis Care and Research</i> , 2012, 64, 1545-1553.	1.5	98
108	A physiotherapist-delivered integrated exercise and pain coping skills training intervention for individuals with knee osteoarthritis: a randomised controlled trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 129.	0.8	28

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109	Exercise prescription for hospitalized people with chronic obstructive pulmonary disease and comorbidities: a synthesis of systematic reviews. <i>International Journal of COPD</i> , 2012, 7, 297.	0.9	27
110	Reliability of Measurement of Maximal Isometric Lateral Trunk-Flexion Strength in Athletes Using Handheld Dynamometry. <i>Journal of Sport Rehabilitation</i> , 2012, 21, .	0.4	7
111	Gait modification strategies for altering medial knee joint load: A systematic review. <i>Arthritis Care and Research</i> , 2011, 63, 405-426.	1.5	172
112	Reduced Quadriceps Motor-Evoked Potentials in an Individual with Unilateral Knee Osteoarthritis: A Case Report. <i>Case Reports in Rheumatology</i> , 2011, 2011, 1-5.	0.2	3
113	Contralateral cane use and knee joint load in people with medial knee osteoarthritis: the effect of varying body weight support. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1330-1337.	0.6	41
114	Predicting dynamic knee joint load with clinical measures in people with medial knee osteoarthritis. <i>Knee</i> , 2011, 18, 231-234.	0.8	23
115	Comparison of neuromuscular and quadriceps strengthening exercise in the treatment of varus malaligned knees with medial knee osteoarthritis: a randomised controlled trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 276.	0.8	47
116	Varus thrust in medial knee osteoarthritis: Quantification and effects of different gait-related interventions using a single case study. <i>Arthritis Care and Research</i> , 2011, 63, 293-297.	1.5	27
117	Feasibility of a gait retraining strategy for reducing knee joint loading: Increased trunk lean guided by real-time biofeedback. <i>Journal of Biomechanics</i> , 2011, 44, 943-947.	0.9	126
118	Clinically Assessed Mediolateral Knee Motion. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 515-520.	0.9	1
119	Effect of Anterior Tibiofemoral Glides on Knee Extension during Gait in Patients with Decreased Range of Motion after Anterior Cruciate Ligament Reconstruction. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2010, 62, 235-241.	0.3	9
120	Hip strengthening reduces symptoms but not knee load in people with medial knee osteoarthritis and varus malalignment: a randomised controlled trial. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 621-628.	0.6	217
121	Quadriceps strength is not related to gait impact loading in knee osteoarthritis. <i>Knee</i> , 2010, 17, 296-302.	0.8	41
122	Validity and inter-rater reliability of medio-lateral knee motion observed during a single-limb mini squat. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 265.	0.8	143
123	Predictors of single-leg standing balance in individuals with medial knee osteoarthritis. <i>Arthritis Care and Research</i> , 2010, 62, 496-500.	1.5	50
124	Hip muscle weakness in individuals with medial knee osteoarthritis. <i>Arthritis Care and Research</i> , 2010, 62, 1190-1193.	1.5	164
125	Individuals with severe knee osteoarthritis (OA) exhibit altered proximal walking mechanics compared with individuals with less severe OA and those without knee pain. <i>Arthritis Care and Research</i> , 2010, 62, 1426-1432.	1.5	59
126	Validity and reliability of the Nintendo Wii Balance Board for assessment of standing balance. <i>Gait and Posture</i> , 2010, 31, 307-310.	0.6	811

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127	Effect of tibial re-alignment surgery on single leg standing balance in patients with knee osteoarthritis. <i>Clinical Biomechanics</i> , 2009, 24, 693-696.	0.5	13
128	Real-time movement biofeedback for walking gait modification in knee osteoarthritis. , 2009, , .		4
129	Muscle and Exercise in the Prevention and Management of Knee Osteoarthritis: an Internal Medicine Specialist's Guide. <i>Medical Clinics of North America</i> , 2009, 93, 161-177.	1.1	33
130	Investigating attraction compatibility in an East Texas city. <i>International Journal of Tourism Research</i> , 2008, 10, 237-246.	2.1	30
131	Toe-out gait in patients with knee osteoarthritis partially transforms external knee adduction moment into flexion moment during early stance phase of gait: A tri-planar kinetic mechanism. <i>Journal of Biomechanics</i> , 2008, 41, 276-283.	0.9	121
132	Lateral trunk lean explains variation in dynamic knee joint load in patients with medial compartment knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 591-599.	0.6	184
133	Measures of frontal plane lower limb alignment obtained from static radiographs and dynamic gait analysis. <i>Gait and Posture</i> , 2008, 27, 635-640.	0.6	63
134	Role of Muscle in the Genesis and Management of Knee Osteoarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2008, 34, 731-754.	0.8	132
135	Towards a biopsychosocial framework of osteoarthritis of the knee. <i>Disability and Rehabilitation</i> , 2008, 30, 54-61.	0.9	56
136	Changes in Measures of Standing Balance After High Tibial Osteotomy Surgery for Individuals with Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S449.	0.2	0
137	Radiographic Measures of Knee Alignment in Patients with varus Gonarthrosis. <i>American Journal of Sports Medicine</i> , 2007, 35, 65-70.	1.9	137
138	Test-retest reliability of the peak knee adduction moment during walking in patients with medial compartment knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2007, 57, 1012-1017.	6.7	135
139	The effects of hip muscle strengthening on knee load, pain, and function in people with knee osteoarthritis: a protocol for a randomised, single-blind controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 121.	0.8	53
140	Associations among knee adduction moment, frontal plane ground reaction force, and lever arm during walking in patients with knee osteoarthritis. <i>Journal of Biomechanics</i> , 2006, 39, 2213-2220.	0.9	222
141	Foot rotational effects on radiographic measures of lower limb alignment. <i>Canadian Journal of Surgery</i> , 2006, 49, 401-6.	0.5	73
142	Reliability of Lower Limb Frontal Plane Alignment Measurements Using Plain Radiographs and Digitized Images. <i>Journal of Knee Surgery</i> , 2004, 17, 203-210.	0.9	90
143	Interlimb asymmetry in persons with and without an anterior cruciate ligament deficiency during stationary cycling ¹¹ No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit on the author(s) or on any organization with which the author(s) is/are affiliated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 1475-1478.	0.5	16
144	Biomechanical changes elicited by an anterior cruciate ligament deficiency during steady rate cycling. <i>Clinical Biomechanics</i> , 2003, 18, 393-400.	0.5	15

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145	Altered Triggering of a Prepared Movement by a Startling Stimulus. Journal of Neurophysiology, 2003, 89, 1857-1863.	0.9	30