

Michael A Hunt, Pt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6534055/publications.pdf>

Version: 2024-02-01

145
papers

7,359
citations

66234

42
h-index

60497

81
g-index

152
all docs

152
docs citations

152
times ranked

6849
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Hip muscle weakness in individuals with medial knee osteoarthritis. <i>Arthritis Care and Research</i> , 2010, 62, 1190-1193. | 1.5 | 164 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Radiographic Measures of Knee Alignment in Patients with varus Gonarthrosis. <i>American Journal of Sports Medicine</i> , 2007, 35, 65-70. | 1.9 | 137 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Physical Therapistâ€‘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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Validity of the Nintendo Wii [®] balance board for the assessment of standing balance in Parkinsonâ€™s disease. <i>Clinical Rehabilitation</i> , 2013, 27, 361-366. | 1.0 | 114 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | The effect of Tai Chi on four chronic conditionsâ€‘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 |
| 27 | 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 |
| 28 | Gait Differs Between Unilateral and Bilateral Knee Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 822-827. | 0.5 | 87 |
| 29 | 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 |
| 30 | 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 |
| 31 | Foot rotational effects on radiographic measures of lower limb alignment. <i>Canadian Journal of Surgery</i> , 2006, 49, 401-6. | 0.5 | 73 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Towards a biopsychosocial framework of osteoarthritis of the knee. <i>Disability and Rehabilitation</i> , 2008, 30, 54-61. | 0.9 | 56 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 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 | Sagittal plane joint loading is related to knee flexion in osteoarthritic gait. <i>Clinical Biomechanics</i> , 2013, 28, 916-920. | 0.5 | 42 |
| 46 | A Physiotherapy Triage Service for Orthopaedic Surgery: An Effective Strategy for Reducing Wait Times. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , 2013, 65, 358-363. | 0.3 | 42 |
| 47 | 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 |
| 48 | Osteoarthritis year in review 2019: mechanics. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 267-274. | 0.6 | 42 |
| 49 | Quadriceps strength is not related to gait impact loading in knee osteoarthritis. <i>Knee</i> , 2010, 17, 296-302. | 0.8 | 41 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | Altered Triggering of a Prepared Movement by a Startling Stimulus. <i>Journal of Neurophysiology</i> , 2003, 89, 1857-1863. | 0.9 | 30 |
| 62 | Investigating attraction compatibility in an East Texas city. <i>International Journal of Tourism Research</i> , 2008, 10, 237-246. | 2.1 | 30 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | Long-term gait outcomes following conservative management of idiopathic toe walking. <i>Gait and Posture</i> , 2018, 62, 214-219. | 0.6 | 27 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | 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 |
| 74 | Predicting dynamic knee joint load with clinical measures in people with medial knee osteoarthritis. <i>Knee</i> , 2011, 18, 231-234. | 0.8 | 23 |
| 75 | 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 |
| 76 | 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 |
| 77 | Kinematic Correlates of Kinetic Outcomes Associated With Running-Related Injury. <i>Journal of Applied Biomechanics</i> , 2019, 35, 123-130. | 0.3 | 22 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | Cartilage recovery in runners with and without knee osteoarthritis: A pilot study. <i>Knee</i> , 2019, 26, 1049-1057. | 0.8 | 16 |
| 89 | Biomechanical changes elicited by an anterior cruciate ligament deficiency during steady rate cycling. <i>Clinical Biomechanics</i> , 2003, 18, 393-400. | 0.5 | 15 |
| 90 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Vastus Lateralis Motor Unit Firing Rate Is Higher in Women With Patellofemoral Pain. Archives of Physical Medicine and Rehabilitation, 2018, 99, 907-913. | 0.5 | 14 |
| 92 | Toe-in and toe-out walking require different lower limb neuromuscular patterns in people with knee osteoarthritis. Journal of Biomechanics, 2018, 76, 112-118. | 0.9 | 14 |
| 93 | Portable, automated foot progression angle gait modification via a proof-of-concept haptic feedback-sensorized shoe. Journal of Biomechanics, 2020, 107, 109789. | 0.9 | 14 |
| 94 | Effect of tibial re-alignment surgery on single leg standing balance in patients with knee osteoarthritis. Clinical Biomechanics, 2009, 24, 693-696. | 0.5 | 13 |
| 95 | Reliability and validity of the Performance Recorder 1 for measuring isometric knee flexor and extensor strength. Physiotherapy Theory and Practice, 2013, 29, 639-647. | 0.6 | 13 |
| 96 | Individuals with knee osteoarthritis present increased gait pattern deviations as measured by a knee-specific gait deviation index. Gait and Posture, 2019, 72, 82-88. | 0.6 | 13 |
| 97 | What are the perceptions of runners and healthcare professionals on footwear and running injury risk?. BMJ Open Sport and Exercise Medicine, 2020, 6, e000767. | 1.4 | 13 |
| 98 | A Pre-Operative Exercise Intervention Can Be Safely Delivered to People with Femoroacetabular Impingement and Improve Clinical and Biomechanical Outcomes. Physiotherapy Canada Physiotherapie Canada, 2017, 69, 204-211. | 0.3 | 12 |
| 99 | What are the perceptions about running and knee joint health among the public and healthcare practitioners in Canada?. PLoS ONE, 2018, 13, e0204872. | 1.1 | 12 |
| 100 | Challenging Standing Balance Reduces the Asymmetry of Motor Control of Postural Sway Poststroke. Motor Control, 2019, 23, 327-343. | 0.3 | 12 |
| 101 | The role of neuromuscular changes in aging and knee osteoarthritis on dynamic postural control. , 2013, 4, 84-99. | | 12 |
| 102 | Ankle and knee biomechanics during normal walking following ankle plantarflexor fatigue. Journal of Electromyography and Kinesiology, 2017, 35, 24-29. | 0.7 | 11 |
| 103 | Motor unit recruitment and firing rate in medial gastrocnemius muscles during external perturbations in standing in humans. Journal of Neurophysiology, 2014, 112, 1678-1684. | 0.9 | 10 |
| 104 | Behavior of medial gastrocnemius motor units during postural reactions to external perturbations after stroke. Clinical Neurophysiology, 2015, 126, 1951-1958. | 0.7 | 10 |
| 105 | Ankle Joint and Rearfoot Biomechanics During Toe-In and Toe-Out Walking in People With Medial Compartment Knee Osteoarthritis. PM and R, 2019, 11, 503-511. | 0.9 | 10 |
| 106 | The effects of cholesterol accumulation on Achilles tendon biomechanics: A cross-sectional study. PLoS ONE, 2021, 16, e0257269. | 1.1 | 10 |
| 107 | Effect of Anterior Tibiofemoral Glides on Knee Extension during Gait in Patients with Decreased Range of Motion after Anterior Cruciate Ligament Reconstruction. Physiotherapy Canada Physiotherapie Canada, 2010, 62, 235-241. | 0.3 | 9 |
| 108 | Learning Gait Modifications for Musculoskeletal Rehabilitation: Applying Motor Learning Principles to Improve Research and Clinical Implementation. Physical Therapy, 2021, 101, . | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | 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 |
| 113 | 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 |
| 114 | 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 |
| 115 | Exercise, Gait Retraining, Footwear and Insoles for Knee Osteoarthritis. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2013, 1, 21-28. | 0.3 | 6 |
| 116 | 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 |
| 117 | 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 |
| 118 | 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 |
| 119 | Motor Planning for Loading During Gait in Subacute Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 528-535. | 0.5 | 5 |
| 120 | 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 |
| 121 | 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 |
| 122 | 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 |
| 123 | Using the VERT wearable device to monitor jumping loads in elite volleyball athletes. <i>PLoS ONE</i> , 2021, 16, e0245299. | 1.1 | 5 |
| 124 | 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 |
| 125 | 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 |
| 126 | Real-time movement biofeedback for walking gait modification in knee osteoarthritis. , 2009, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | 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 |
| 128 | Reliability of tibiofemoral contact area and centroid location in upright, open MRI. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 795. | 0.8 | 4 |
| 129 | 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 |
| 130 | Feasibility of the SOAR (Stop OsteoARthritis) program. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100239. | 0.9 | 4 |
| 131 | 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | 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 |
| 135 | Movement Retraining using Real-time Feedback of Performance. <i>Journal of Visualized Experiments</i> , 2013, , e50182. | 0.2 | 2 |
| 136 | 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 |
| 137 | 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 |
| 138 | Clinically Assessed Mediolateral Knee Motion. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 515-520. | 0.9 | 1 |
| 139 | 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 |
| 140 | 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 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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 |
| 144 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | 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 |