

Ross A. Clark

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

6,829
citations

87888

38
h-index

74163

75
g-index

153
all docs

153
docs citations

153
times ranked

7215
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.	1.4	811
2	Validity of the Microsoft Kinect for assessment of postural control. <i>Gait and Posture</i> , 2012, 36, 372-377.	1.4	564
3	Assessment of Lower Limb Muscle Strength and Power Using Hand-Held and Fixed Dynamometry: A Reliability and Validity Study. <i>PLoS ONE</i> , 2015, 10, e0140822.	2.5	313
4	Concurrent validity of the Microsoft Kinect for assessment of spatiotemporal gait variables. <i>Journal of Biomechanics</i> , 2013, 46, 2722-2725.	2.1	182
5	Factors Associated With Post-Stroke Physical Activity: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1876-1889.	0.9	178
6	Gait assessment using the Microsoft Xbox One Kinect: Concurrent validity and inter-day reliability of spatiotemporal and kinematic variables. <i>Journal of Biomechanics</i> , 2015, 48, 2166-2170.	2.1	151
7	Validity of the Microsoft Kinect for providing lateral trunk lean feedback during gait retraining. <i>Gait and Posture</i> , 2013, 38, 1064-1066.	1.4	150
8	Effects of thoracic kyphosis and forward head posture on cervical range of motion in older adults. <i>Manual Therapy</i> , 2013, 18, 65-71.	1.6	146
9	Reliability and concurrent validity of the Microsoft Xbox One Kinect for assessment of standing balance and postural control. <i>Gait and Posture</i> , 2015, 42, 210-213.	1.4	138
10	Low physical activity levels and functional decline in individuals with lung cancer. <i>Lung Cancer</i> , 2014, 83, 292-299.	2.0	135
11	Reliability and validity of the Wii Balance Board for assessment of standing balance: A systematic review. <i>Gait and Posture</i> , 2018, 61, 40-54.	1.4	135
12	Three-dimensional cameras and skeleton pose tracking for physical function assessment: A review of uses, validity, current developments and Kinect alternatives. <i>Gait and Posture</i> , 2019, 68, 193-200.	1.4	135
13	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.	2.2	114
14	The effects of eccentric hamstring strength training on dynamic jumping performance and isokinetic strength parameters: a pilot study on the implications for the prevention of hamstring injuries. <i>Physical Therapy in Sport</i> , 2005, 6, 67-73.	1.9	99
15	Lower limb angular velocity during walking at various speeds. <i>Gait and Posture</i> , 2018, 65, 190-196.	1.4	99
16	Effects of estrogen on the mechanical behavior of the human Achilles tendon in vivo. <i>Journal of Applied Physiology</i> , 2008, 105, 1035-1043.	2.5	92
17	Mechanical Properties of the Achilles Tendon Aponeurosis Are Altered in Athletes With Achilles Tendinopathy. <i>American Journal of Sports Medicine</i> , 2010, 38, 1885-1893.	4.2	89
18	Reliability and concurrent validity of a Smartphone, bubble inclinometer and motion analysis system for measurement of hip joint range of motion. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 262-267.	1.3	82

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19	Instrumenting gait assessment using the Kinect in people living with stroke: reliability and association with balance tests. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 15.	4.6	78
20	The Contribution of Hearing and Hearing Loss to Balance Control. <i>Audiology and Neuro-Otology</i> , 2016, 21, 195-202.	1.3	78
21	Neuromuscular deficits after peripheral joint injury: A neurophysiological hypothesis. <i>Muscle and Nerve</i> , 2015, 51, 327-332.	2.2	72
22	Validity and intra-rater reliability of an Android phone application to measure cervical range-of-motion. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 65.	4.6	71
23	Clinical feasibility of the Nintendo Wii [®] for balance training post-stroke: a phase II randomized controlled trial in an inpatient setting. <i>Clinical Rehabilitation</i> , 2014, 28, 912-923.	2.2	69
24	Reliability of an inexpensive and portable dynamic weight bearing asymmetry assessment system incorporating dual Nintendo Wii Balance Boards. <i>Gait and Posture</i> , 2011, 34, 288-291.	1.4	67
25	Dynamic balance and instrumented gait variables are independent predictors of falls following stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 3.	4.6	65
26	Falls efficacy, postural balance, and risk for falls in older adults with falls-related emergency department visits: prospective cohort study. <i>BMC Geriatrics</i> , 2017, 17, 291.	2.7	63
27	Anatomical and mechanical relationship between the proximal attachment of adductor longus and the distal rectus sheath. <i>Clinical Anatomy</i> , 2013, 26, 522-530.	2.7	54
28	Reliability and validity of the Microsoft Kinect for evaluating static foot posture. <i>Journal of Foot and Ankle Research</i> , 2013, 6, 14.	1.9	53
29	Iliotibial band syndrome: an examination of the evidence behind a number of treatment options. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 580-587.	2.9	52
30	Factors associated with gait speed recovery after total knee arthroplasty: A longitudinal study. <i>Seminars in Arthritis and Rheumatism</i> , 2017, 46, 544-551.	3.4	52
31	Effectiveness of Aquatic Exercise in Improving Lower Limb Strength in Musculoskeletal Conditions: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 173-186.	0.9	51
32	Quantifying Individual Components of the Timed Up and Go Using the Kinect in People Living With Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 48-53.	2.9	50
33	Impairment of Dynamic Single-Leg Balance Performance in Individuals With Hip Chondropathy. <i>Arthritis Care and Research</i> , 2014, 66, 709-716.	3.4	49
34	A comparison of optimisation methods and knee joint degrees of freedom on muscle force predictions during single-leg hop landings. <i>Journal of Biomechanics</i> , 2014, 47, 2863-2868.	2.1	47
35	Impaired voluntary quadriceps force control following anterior cruciate ligament reconstruction: relationship with knee function. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1424-1431.	4.2	44
36	Multidisciplinary home-based rehabilitation in inoperable lung cancer: a randomised controlled trial. <i>Thorax</i> , 2019, 74, 787-796.	5.6	44

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37	Five times sit-to-stand following stroke: Relationship with strength and balance. <i>Gait and Posture</i> , 2020, 78, 35-39.	1.4	44
38	Associations of knee extensor strength and standing balance with physical function in knee osteoarthritis. <i>Arthritis Care and Research</i> , 2011, 63, 1706-1714.	3.4	42
39	Associations between lower limb strength and gait velocity following stroke: A systematic review. <i>Brain Injury</i> , 2015, 29, 409-422.	1.2	42
40	New insights into neck-pain-related postural control using measures of signal frequency and complexity in older adults. <i>Gait and Posture</i> , 2014, 39, 1069-1073.	1.4	40
41	Novel use of the Wii Balance Board to prospectively predict falls in community-dwelling older adults. <i>Clinical Biomechanics</i> , 2015, 30, 481-484.	1.2	40
42	Dynamic Single-Leg Postural Control Is Impaired Bilaterally Following Anterior Cruciate Ligament Reconstruction: Implications for Reinjury Risk. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 357-364.	3.5	40
43	The assessment of postural control and the influence of a secondary task in people with anterior cruciate ligament reconstructed knees using a Nintendo Wii Balance Board. <i>British Journal of Sports Medicine</i> , 2013, 47, 914-919.	6.7	39
44	Instrumented Static and Dynamic Balance Assessment after Stroke Using Wii Balance Boards: Reliability and Association with Clinical Tests. <i>PLoS ONE</i> , 2014, 9, e115282.	2.5	39
45	Three-dimensional assessment of squats and drop jumps using the Microsoft Xbox One Kinect: Reliability and validity. <i>Journal of Sports Sciences</i> , 2018, 36, 2202-2209.	2.0	37
46	Morphology of Knee Extension Torque-Time Curves Following Anterior Cruciate Ligament Injury and Reconstruction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 1424-1431.	3.0	36
47	A Comparison of Two Methods in Acquiring Stimulus-Response Curves with Transcranial Magnetic Stimulation. <i>Brain Stimulation</i> , 2013, 6, 306-309.	1.6	36
48	Machine learning methods are comparable to logistic regression techniques in predicting severe walking limitation following total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3207-3216.	4.2	34
49	The Interday Reliability of Ankle, Knee, Leg, and Vertical Musculoskeletal Stiffness During Hopping and Overground Running. <i>Journal of Applied Biomechanics</i> , 2013, 29, 386-394.	0.8	33
50	Single-Leg Squat Performance is Impaired 1 to 2 Years After Hip Arthroscopy. <i>PM and R</i> , 2016, 8, 321-330.	1.6	32
51	Physical Function in Hip Osteoarthritis: Relationship to Isometric Knee Extensor Steadiness. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1110-1116.	0.9	31
52	The effects of enhanced plantar sensory feedback and foot orthoses on midfoot kinematics and lower leg neuromuscular activation. <i>Gait and Posture</i> , 2011, 33, 576-581.	1.4	31
53	Falls by individuals with chronic obstructive pulmonary disease: A preliminary 12-month prospective cohort study. <i>Respirology</i> , 2015, 20, 1096-1101.	2.3	31
54	Symmetry of squatting and the effect of fatigue following anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3208-3213.	4.2	31

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55	Exercise Interventions for the Prevention and Treatment of Groin Pain and Injury in Athletes: A Critical and Systematic Review. <i>Sports Medicine</i> , 2017, 47, 2011-2026.	6.5	31
56	Balance and Falls in Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Prospective Study. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2017, 14, 518-525.	1.6	31
57	Low-cost electromyography – Validation against a commercial system using both manual and automated activation timing thresholds. <i>Journal of Electromyography and Kinesiology</i> , 2018, 42, 74-80.	1.7	31
58	Lumbar extensor muscle force control is associated with disability in people with chronic low back pain. <i>Clinical Biomechanics</i> , 2017, 46, 46-51.	1.2	30
59	Associations of components of sarcopenic obesity with bone health and balance in older adults. <i>Archives of Gerontology and Geriatrics</i> , 2018, 75, 125-131.	3.0	30
60	Physical Activity Measured Using Global Positioning System Tracking in Non-Small Cell Lung Cancer. <i>Integrative Cancer Therapies</i> , 2014, 13, 482-492.	2.0	29
61	Assessment of standing balance deficits in people who have undergone anterior cruciate ligament reconstruction using traditional and modern analysis methods. <i>Journal of Biomechanics</i> , 2014, 47, 1134-1137.	2.1	29
62	Trunk and lower limb coordination during lifting in people with and without chronic low back pain. <i>Journal of Biomechanics</i> , 2018, 71, 257-263.	2.1	29
63	Improving Lower Limb Weight Distribution Asymmetry During the Squat Using Nintendo Wii Balance Boards and Real-Time Feedback. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 47-52.	2.1	28
64	Lower limb kinematics and physiological responses to prolonged load carriage in untrained individuals. <i>Ergonomics</i> , 2015, 58, 770-780.	2.1	28
65	Do clinical tests of spasticity accurately reflect muscle function during walking: A systematic review. <i>Brain Injury</i> , 2017, 31, 440-455.	1.2	28
66	Neck musculature fatigue affects specific frequency bands of postural dynamics during quiet standing. <i>Gait and Posture</i> , 2014, 39, 397-403.	1.4	27
67	Diminished sub-maximal quadriceps force control in anterior cruciate ligament reconstructed patients is related to quadriceps and hamstring muscle dyskinesia. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 513-519.	1.7	27
68	Impaired Postural Control in Healthy Men at Moderate Altitude (1630 M and 2590 M): Data from a Randomized Trial. <i>PLoS ONE</i> , 2015, 10, e0116695.	2.5	27
69	Modified conventional gait model versus cluster tracking: Test-retest reliability, agreement and impact of inverse kinematics with joint constraints on kinematic and kinetic data. <i>Gait and Posture</i> , 2018, 64, 75-83.	1.4	27
70	Associations Among Quadriceps Strength and Rate-of-Torque Development 6 Weeks Post Anterior Cruciate Ligament Reconstruction and Future Hop and Vertical Jump Performance: A Prospective Cohort Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 1-24.	3.5	26
71	The Influence of Variable Range of Motion Training on Neuromuscular Performance and Control of External Loads. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 704-711.	2.1	25
72	Spatiotemporal, kinematic, force and muscle activation outcomes during gait and functional exercise in water compared to on land: A systematic review. <i>Gait and Posture</i> , 2016, 48, 120-130.	1.4	24

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73	Standing balance post total knee arthroplasty: sensitivity to change analysis from four to twelve weeks in 466 patients. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 42-45.	1.3	24
74	Automated analysis of gait and modified timed up and go using the Microsoft Kinect in people with Parkinson's disease: associations with physical outcome measures. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 369-377.	2.8	24
75	Tibial acceleration variability during consecutive gait cycles is influenced by the menstrual cycle. <i>Clinical Biomechanics</i> , 2010, 25, 557-562.	1.2	23
76	Which factors influence the activity levels of individuals with traumatic brain injury when they are first discharged home from hospital?. <i>Brain Injury</i> , 2015, 29, 1572-1580.	1.2	23
77	Predicting Dynamic Foot Function From Static Foot Posture: Comparison Between Visual Assessment, Motion Analysis, and a Commercially Available Depth Camera. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2015, 45, 789-798.	3.5	23
78	Feasibility of Ballistic Strength Training in Subacute Stroke: A Randomized, Controlled, Assessor-Blinded Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 2430-2446.	0.9	23
79	Do video game interventions improve motor outcomes in children with developmental coordination disorder? A systematic review using the ICF framework. <i>BMC Pediatrics</i> , 2019, 19, 22.	1.7	23
80	Morphology of hamstring torque-time curves following acl injury and reconstruction: mechanisms and implications. <i>Journal of Orthopaedic Research</i> , 2011, 29, 907-914.	2.3	22
81	Wearable sensors and Mobile Health (mHealth) technologies to assess and promote physical activity in stroke: a narrative review. <i>Brain Impairment</i> , 2016, 17, 34-42.	0.7	22
82	Assessment of isometric muscle strength and rate of torque development with hand-held dynamometry: Test-retest reliability and relationship with gait velocity after stroke. <i>Journal of Biomechanics</i> , 2018, 75, 171-175.	2.1	22
83	Postural control at 4 years in very preterm children compared with term-born peers. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 175-180.	2.1	21
84	Benefits of home-based multidisciplinary exercise and supportive care in inoperable non-small cell lung cancer " protocol for a phase II randomised controlled trial. <i>BMC Cancer</i> , 2017, 17, 663.	2.6	21
85	Knee flexion not hip extension strength is persistently reduced following hamstring strain injury in Australian Football athletes: Implications for Periodic Health Examinations. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 999-1003.	1.3	21
86	A Comparison of Force Curve Profiles Between the Bench Press and Ballistic Bench Throws. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1755-1759.	2.1	20
87	The effect of training status on inter-limb joint stiffness regulation during repeated maximal sprints. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 406-410.	1.3	20
88	Design and validation of a portable, inexpensive and multi-beam timing light system using the Nintendo Wii hand controllers. <i>Journal of Science and Medicine in Sport</i> , 2011, 14, 177-182.	1.3	20
89	Associations of isokinetic knee steadiness with hop performance in patients with ACL deficiency. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2185-2195.	4.2	20
90	Motor trajectories from birth to 5 years of children born at less than 30 weeks' gestation: early predictors and functional implications. Protocol for a prospective cohort study. <i>Journal of Physiotherapy</i> , 2016, 62, 222-223.	1.7	20

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91	Do Trials of Resistance Training to Improve Mobility After Stroke Adhere to the American College of Sports Medicine Guidelines? A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2018, 99, 584-597.e13.	0.9	20
92	Clinic-Based Assessment of Weight-Bearing Asymmetry During Squatting in People With Anterior Cruciate Ligament Reconstruction Using Nintendo Wii Balance Boards. Archives of Physical Medicine and Rehabilitation, 2014, 95, 1156-1161.	0.9	19
93	Does meniscal pathology alter gait knee biomechanics and strength post-ACL reconstruction?. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1501-1509.	4.2	18
94	Evaluation of Nintendo Wii Balance Board as a Tool for Measuring Postural Stability After Sport-Related Concussion. Journal of Athletic Training, 2017, 52, 245-255.	1.8	18
95	Force during functional exercises on land and in water in older adults with and without knee osteoarthritis: Implications for rehabilitation. Knee, 2019, 26, 61-72.	1.6	18
96	Feasibility of Ballistic Strengthening Exercises in Neurologic Rehabilitation. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 828-833.	1.4	17
97	Predictors of physical activity levels of individuals following traumatic brain injury remain unclear: A systematic review. Brain Injury, 2016, 30, 819-828.	1.2	17
98	Poor knee function after ACL reconstruction is associated with attenuated landing force and knee flexion moment during running. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 391-398.	4.2	17
99	Toward Accurate Clinical Spasticity Assessment: Validation of Movement Speed and Joint Angle Assessments Using Smartphones and Camera Tracking. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1482-1491.	0.9	17
100	Estrogen-induced effects on the neuro-mechanics of hopping in humans. European Journal of Applied Physiology, 2011, 111, 245-252.	2.5	15
101	Methods of assessing associated reactions of the upper limb in stroke and traumatic brain injury: A systematic review. Brain Injury, 2016, 30, 252-266.	1.2	15
102	Development of a Prediction Model to Estimate the Risk of Walking Limitations in Patients with Total Knee Arthroplasty. Journal of Rheumatology, 2016, 43, 419-426.	2.0	15
103	The reliability of a maximal isometric hip strength and simultaneous surface EMG screening protocol in elite, junior rugby league athletes. Journal of Science and Medicine in Sport, 2017, 20, 139-145.	1.3	15
104	Knee flexion strength is significantly reduced following competition in semi-professional Australian Rules football athletes: Implications for injury prevention programs. Physical Therapy in Sport, 2018, 31, 9-14.	1.9	15
105	An exploratory study examining factors underpinning postural instability in older adults with idiopathic neck pain. Gait and Posture, 2018, 60, 93-98.	1.4	15
106	Improving Walking Ability in People With Neurologic Conditions: A Theoretical Framework for Biomechanics-Driven Exercise Prescription. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1184-1190.	0.9	15
107	An Examination of Strength and Concentric Work Ratios During Variable Range of Motion Training. Journal of Strength and Conditioning Research, 2008, 22, 1716-1719.	2.1	14
108	A pilot investigation using global positioning systems into the outdoor activity of people with severe traumatic brain injury. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 37.	4.6	14

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109	Postural Control in Lowlanders With COPD Traveling to 3100 m: Data From a Randomized Trial Evaluating the Effect of Preventive Dexamethasone Treatment. <i>Frontiers in Physiology</i> , 2018, 9, 752.	2.8	14
110	Low-cost evaluation and real-time feedback of static and dynamic weight bearing asymmetry in patients undergoing in-patient physiotherapy rehabilitation for neurological conditions. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 74.	4.6	13
111	Preliminary Prediction Model for Fear-Induced Activity Limitation After Total Knee Arthroplasty in People 60 Years and Older: Prospective Cohort Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 503-509.	0.9	13
112	The Influence of Cervical Spine Flexion-Rotation Range-of-Motion Asymmetry on Postural Stability in Older Adults. <i>Spine</i> , 2013, 38, 1648-1655.	2.0	13
113	Between-leg differences in challenging single-limb balance performance one year following anterior cruciate ligament reconstruction. <i>Gait and Posture</i> , 2017, 52, 22-25.	1.4	13
114	Evaluating Access and Mobility within a New Model of Supported Housing for People with Neurotrauma: A Pilot Study. <i>Brain Impairment</i> , 2016, 17, 64-76.	0.7	12
115	Comprehensive clinical sitting balance measures for individuals following stroke: a systematic review on the methodological quality. <i>Disability and Rehabilitation</i> , 2018, 40, 616-630.	1.8	12
116	Age- and sex-based recovery curves to track functional outcomes in older adults with total knee arthroplasty. <i>Age and Ageing</i> , 2018, 47, 144-148.	1.6	12
117	Association between seated postural control and gait speed in knee osteoarthritis. <i>Gait and Posture</i> , 2013, 37, 413-418.	1.4	11
118	Cardiovascular Fitness Is Unrelated to Mobility Limitations in Ambulant People With Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, E1-E7.	1.7	11
119	Evaluation of the Wii Balance Board for Walking Aids Prediction: Proof-of-Concept Study in Total Knee Arthroplasty. <i>PLoS ONE</i> , 2015, 10, e0117124.	2.5	11
120	Feasibility and Efficacy of the Nintendo Wii Gaming System to Improve Balance Performance Post-Stroke: Protocol of a Phase II Randomized Controlled Trial in an Inpatient Rehabilitation Setting. <i>Games for Health Journal</i> , 2013, 2, 103-108.	2.0	10
121	Cortical motor representation of the rectus femoris does not differ between the left and right hemisphere. <i>Journal of Electromyography and Kinesiology</i> , 2016, 28, 46-52.	1.7	10
122	A Longitudinal Examination of Postural Impairments in Children With Mild Traumatic Brain Injury: Implications for Acute Testing. <i>Journal of Head Trauma Rehabilitation</i> , 2017, 32, E18-E23.	1.7	10
123	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.	1.4	10
124	Men with unilateral Achilles tendinopathy have impaired balance on the symptomatic side. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 479-482.	1.3	10
125	Validity of a low-cost laser with freely available software for improving measurement of walking and running speed. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 212-216.	1.3	10
126	Assessment of mechanical strain in the intact plantar fascia. <i>Foot</i> , 2009, 19, 161-164.	1.1	9

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127	SeeSway – A free web-based system for analysing and exploring standing balance data. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 159, 31-36.	4.7	9
128	Examining Different Aspects of Functional Performance Using a Variety of Bench Throw Techniques. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 2755-2761.	2.1	8
129	Investigating the Feasibility and Utility of Bedside Balance Technology Acutely After Pediatric Concussion. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 221-225.	1.8	8
130	Early changes in Achilles tendon behaviour <i>in vivo</i> following downhill backwards walking. <i>Journal of Sports Sciences</i> , 2016, 34, 1215-1221.	2.0	8
131	Training Conditions Influence Walking Kinematics and Self-Selected Walking Speed in Patients with Neurological Impairments. <i>Journal of Neurotrauma</i> , 2011, 28, 281-287.	3.4	7
132	Coordination of Dynamic Balance During Gait Training in People With Acquired Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 636-640.	0.9	6
133	Correspondence: Time-based versus repetition-based sit-to-stand measures: choice of metrics matters. <i>Journal of Physiotherapy</i> , 2018, 64, 200-201.	1.7	6
134	Functional heterogeneity and outcomes in community-dwelling women with osteoporosis, with and without a history of falls. <i>Gait and Posture</i> , 2014, 39, 971-977.	1.4	5
135	Intra-rater reliability of hallux flexor strength measures using the Nintendo Wii Balance Board. <i>Journal of Foot and Ankle Research</i> , 2015, 8, 48.	1.9	5
136	Comparative performance of isometric and isotonic quadriceps strength testing in total knee arthroplasty. <i>Musculoskeletal Science and Practice</i> , 2018, 37, 17-19.	1.3	5
137	Open-source 3D printed sensors for hand strength assessment: Validation of low-cost load cell and fabric sensor-based systems. <i>Australian Occupational Therapy Journal</i> , 2018, 65, 412-419.	1.1	5
138	Standing weight-bearing asymmetry in adults with lateropulsion following stroke. <i>Gait and Posture</i> , 2021, 90, 427-433.	1.4	5
139	An observational study on usual physiotherapy care in a stroke rehabilitation unit for patients with mobility deficits. <i>International Journal of Therapy and Rehabilitation</i> , 2014, 21, 585-589.	0.3	4
140	Assessment of upper limb abnormalities using the Kinect: Reliability, validity and detection accuracy in people living with acquired brain injury. <i>Journal of Biomechanics</i> , 2021, 129, 110825.	2.1	4
141	Musculoskeletal stiffness during hopping and running does not change following downhill backwards walking. <i>Sports Biomechanics</i> , 2014, 13, 241-258.	1.6	3
142	Ballistic strength training compared with usual care for improving mobility following traumatic brain injury: protocol for a randomised, controlled trial. <i>Journal of Physiotherapy</i> , 2016, 62, 164.	1.7	3
143	The concurrent validity and intrarater reliability of the Microsoft Kinect to measure thoracic kyphosis. <i>International Journal of Rehabilitation Research</i> , 2017, 40, 279-284.	1.3	3
144	Digital bathroom scales with open source software provide valid dynamic ground reaction force data for assessment and biofeedback. <i>Gait and Posture</i> , 2021, 84, 137-140.	1.4	2

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145	Rasch analysis of the Burke Lateropulsion Scale (BLS). Topics in Stroke Rehabilitation, 2021, 28, 268-275.	1.9	2
146	An observational study on usual physiotherapy care in a stroke rehabilitation unit. International Journal of Therapy and Rehabilitation, 2016, 23, S549-S552.	0.3	1
147	Predicting Mobility Limitations in Patients With Total Knee Arthroplasty in the Inpatient Setting. Archives of Physical Medicine and Rehabilitation, 2019, 100, 2106-2112.	0.9	1
148	Development and test-retest reliability assessment of a low-cost, 3D printed tool for assessing different aspects of hand dexterity. Journal of Hand Therapy, 2021, , .	1.5	1
149	Potential contributing factors to upper limb associated reactions in people with acquired brain injury: an exploratory study. Disability and Rehabilitation, 2022, 44, 3816-3824.	1.8	0
150	Quiet standing postural control variables in subacute stroke: associations with gait and balance, falls prediction and responsiveness. Disability and Rehabilitation, 2022, , 1-8.	1.8	0