

Benjamin F Mentiplay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4483672/publications.pdf>

Version: 2024-02-01

73
papers

2,557
citations

279798

23
h-index

214800

47
g-index

73
all docs

73
docs citations

73
times ranked

2990
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Lower Limb Muscle Strength and Power Using Hand-Held and Fixed Dynamometry: A Reliability and Validity Study. PLoS ONE, 2015, 10, e0140822.	2.5	313
2	Concurrent validity of the Microsoft Kinect for assessment of spatiotemporal gait variables. Journal of Biomechanics, 2013, 46, 2722-2725.	2.1	182
3	Factors Associated With Post-Stroke Physical Activity: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1876-1889.	0.9	178
4	Gait assessment using the Microsoft Xbox One Kinect: Concurrent validity and inter-day reliability of spatiotemporal and kinematic variables. Journal of Biomechanics, 2015, 48, 2166-2170.	2.1	151
5	Reliability and concurrent validity of the Microsoft Xbox One Kinect for assessment of standing balance and postural control. Gait and Posture, 2015, 42, 210-213.	1.4	138
6	Reliability and validity of the Wii Balance Board for assessment of standing balance: A systematic review. Gait and Posture, 2018, 61, 40-54.	1.4	135
7	Three-dimensional cameras and skeleton pose tracking for physical function assessment: A review of uses, validity, current developments and Kinect alternatives. Gait and Posture, 2019, 68, 193-200.	1.4	135
8	Lower limb angular velocity during walking at various speeds. Gait and Posture, 2018, 65, 190-196.	1.4	99
9	Making football safer for women: a systematic review and meta-analysis of injury prevention programmes in 11 773 female football (soccer) players. British Journal of Sports Medicine, 2020, 54, 1089-1098.	6.7	96
10	Reliability and concurrent validity of a Smartphone, bubble inclinometer and motion analysis system for measurement of hip joint range of motion. Journal of Science and Medicine in Sport, 2015, 18, 262-267.	1.3	82
11	Instrumenting gait assessment using the Kinect in people living with stroke: reliability and association with balance tests. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 15.	4.6	78
12	Validity and intra-rater reliability of an Android phone application to measure cervical range-of-motion. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 65.	4.6	71
13	Dynamic balance and instrumented gait variables are independent predictors of falls following stroke. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 3.	4.6	65
14	Reliability and validity of the Microsoft Kinect for evaluating static foot posture. Journal of Foot and Ankle Research, 2013, 6, 14.	1.9	53
15	Effectiveness of Aquatic Exercise in Improving Lower Limb Strength in Musculoskeletal Conditions: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2017, 98, 173-186.	0.9	51
16	Five times sit-to-stand following stroke: Relationship with strength and balance. Gait and Posture, 2020, 78, 35-39.	1.4	44
17	Associations between lower limb strength and gait velocity following stroke: A systematic review. Brain Injury, 2015, 29, 409-422.	1.2	42
18	Three-dimensional assessment of squats and drop jumps using the Microsoft Xbox One Kinect: Reliability and validity. Journal of Sports Sciences, 2018, 36, 2202-2209.	2.0	37

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Eccentric knee flexor weakness in elite female footballers 10 years following anterior cruciate ligament reconstruction. <i>Physical Therapy in Sport</i> , 2019, 37, 144-149.	1.9	25
24	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
25	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
26	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
27	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
28	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
29	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
30	Do Trials of Resistance Training to Improve Mobility After Stroke Adhere to the American College of Sports Medicine Guidelines? A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 584-597.e13.	0.9	20
31	Force during functional exercises on land and in water in older adults with and without knee osteoarthritis: Implications for rehabilitation. <i>Knee</i> , 2019, 26, 61-72.	1.6	18
32	Toward Accurate Clinical Spasticity Assessment: Validation of Movement Speed and Joint Angle Assessments Using Smartphones and Camera Tracking. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 1482-1491.	0.9	17
33	Strength, Motor Skills, and Physical Activity in Preschool-Aged Children Born Either at Less Than 30 Weeks of Gestation or at Term. <i>Physical Therapy</i> , 2021, 101, .	2.4	17
34	Creating Prep to Play PRO for women playing elite Australian football: A how-to guide for developing injury-prevention programs. <i>Journal of Sport and Health Science</i> , 2023, 12, 130-138.	6.5	17
35	Gait Velocity and Joint Power Generation After Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 841-849.	1.4	16
36	Methods of assessing associated reactions of the upper limb in stroke and traumatic brain injury: A systematic review. <i>Brain Injury</i> , 2016, 30, 252-266.	1.2	15

#	ARTICLE	IF	CITATIONS
37	The reliability of a maximal isometric hip strength and simultaneous surface EMG screening protocol in elite, junior rugby league athletes. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 139-145.	1.3	15
38	Lower limb musculoskeletal screening in elite female Australian football players. <i>Physical Therapy in Sport</i> , 2019, 40, 33-43.	1.9	12
39	Inter- and intra-rater variability of testing velocity when assessing lower limb spasticity. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 54-60.	1.1	12
40	The Validity, Reliability, and Responsiveness of the International Hip Outcome Tool (iHOT-33) in Patients With Hip and Groin Pain Treated Without Surgery. <i>American Journal of Sports Medicine</i> , 2021, 49, 2677-2688.	4.2	12
41	Motor impairments in children: More than just the clumsy child. <i>Journal of Paediatrics and Child Health</i> , 2018, 54, 1131-1135.	0.8	11
42	The nature and extent of upper limb associated reactions during walking in people with acquired brain injury. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 160.	4.6	11
43	Knee flexor strength and rate of torque development deficits in women with patellofemoral pain are related to poor objective function. <i>Gait and Posture</i> , 2021, 83, 100-106.	1.4	11
44	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
45	Lower-Limb Biomechanics in Football Players with and without Hip-related Pain. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1776-1784.	0.4	9
46	Overweight and obesity in young adults with patellofemoral pain: Impact on functional capacity and strength. <i>Journal of Sport and Health Science</i> , 2023, 12, 202-211.	6.5	9
47	Physiotherapist-led treatment for femoroacetabular impingement syndrome (the PhysioFIRST study): a protocol for a participant and assessor-blinded randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e041742.	1.9	8
48	Football players with long standing hip and groin pain display deficits in functional task performance. <i>Physical Therapy in Sport</i> , 2022, 55, 46-54.	1.9	8
49	The reproducibility and responsiveness of subjective assessment of upper limb associated reactions in people with acquired brain injury during walking. <i>Clinical Rehabilitation</i> , 2020, 34, 252-262.	2.2	7
50	Quantification of abnormal upper limb movement during walking in people with acquired brain injury. <i>Gait and Posture</i> , 2020, 81, 273-280.	1.4	7
51	Lower-limb work during high- and low-impact activities in hip-related pain: Associations with sex and symptom severity. <i>Gait and Posture</i> , 2021, 83, 1-8.	1.4	7
52	Exploring overweight and obesity beyond body mass index: A body composition analysis in people with and without patellofemoral pain. <i>Journal of Sport and Health Science</i> , 2023, 12, 630-638.	6.5	7
53	Physical Activity Following Hip Arthroscopy in Young and Middle-Aged Adults: A Systematic Review. <i>Sports Medicine - Open</i> , 2020, 6, 7.	3.1	7
54	Relationship between hip muscle strength and hip biomechanics during running in people with femoroacetabular impingement syndrome. <i>Clinical Biomechanics</i> , 2022, 92, 105587.	1.2	7

#	ARTICLE	IF	CITATIONS
55	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
56	Impact of moderate and late preterm birth on neurodevelopment, brain development and respiratory health at school age: protocol for a longitudinal cohort study (LaPrem study). <i>BMJ Open</i> , 2021, 11, e044491.	1.9	5
57	Clinical spasticity assessment using the Modified Tardieu Scale does not reflect joint angular velocity or range of motion during walking: Assessment tool implications. <i>Journal of Rehabilitation Medicine</i> , 2021, 53, jrm00137.	1.1	4
58	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
59	Are cam morphology size and location associated with self-reported burden in football players with FAI syndrome?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 737-753.	2.9	4
60	The Effectiveness of Aquatic Plyometric Training in Improving Strength, Jumping, and Sprinting: A Systematic Review. <i>Journal of Sport Rehabilitation</i> , 2022, 31, 85-98.	1.0	3
61	Test-retest reliability and variability of knee adduction moment peak, impulse and loading rate during walking. <i>Gait and Posture</i> , 2020, 80, 113-116.	1.4	3
62	Upper Limb Associated Reactions. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 235-242.	1.4	3
63	Spatiotemporal gait variables and step-to-step variability in preschool-aged children born ≤ 30 weeks gestation and at term in preferred speed, dual-task paradigm, and tandem walking. <i>Gait and Posture</i> , 2022, 92, 236-242.	1.4	3
64	Does Femoroacetabular Impingement Syndrome Affect Self-Reported Burden in Football Players With Hip and Groin Pain?. <i>Sports Health</i> , 2022, , 194173812210761.	2.7	3
65	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
66	Running biomechanics in football players with and without hip and groin pain. A cross-sectional analysis of 116 sub-elite players. <i>Physical Therapy in Sport</i> , 2021, 52, 312-321.	1.9	2
67	School Readiness in Children Born ≤ 30 Weeks' Gestation at Risk for Developmental Coordination Disorder: A Prospective Cohort Study. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2022, 43, e312-e319.	1.1	2
68	An isometric neck strengthening program does not improve neck strength in elite women's football-code athletes: a randomised controlled trial. <i>Journal of Science and Medicine in Sport</i> , 2021, , .	1.3	1
69	Activity levels of preterm children at seven years of age. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 905-905.	1.5	0
70	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.	1.4	0
71	Potential contributing factors to upper limb associated reactions in people with acquired brain injury: an exploratory study. <i>Disability and Rehabilitation</i> , 2022, 44, 3816-3824.	1.8	0
72	The Relationship Between Movement Kinematics and Muscle Activity in Seated Versus Walking Tests of Upper Limb Associated Reactions. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, e46.	0.9	0

#	ARTICLE	IF	CITATIONS
73	The Accuracy of Subjective Assessment of Upper Limb Associated Reactions During Walking in People with Acquired Brain Injury. Archives of Physical Medicine and Rehabilitation, 2021, 102, e45-e46.	0.9	0