

Benjamin F Mentiplay

List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	The Validity, Reliability, and Responsiveness of the International Hip Outcome Toolâ€“33 (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
20	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
21	The Accuracy of Subjective Assessment of Upper Limb Associated Reactions During Walking in People with Acquired Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, e45-e46.	0.9	0
22	Upper Limb Associated Reactions. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 235-242.	1.4	3
23	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
24	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
25	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
26	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
27	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
28	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
29	Five times sit-to-stand following stroke: Relationship with strength and balance. <i>Gait and Posture</i> , 2020, 78, 35-39.	1.4	44
30	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
31	Making football safer for women: a systematic review and meta-analysis of injury prevention programmes in 11 773 female football (soccer) players. <i>British Journal of Sports Medicine</i> , 2020, 54, 1089-1098.	6.7	96
32	Testâ€“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
33	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
34	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
35	Lower limb musculoskeletal screening in elite female Australian football players. <i>Physical Therapy in Sport</i> , 2019, 40, 33-43.	1.9	12
36	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

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37	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
38	Eccentric knee flexor weakness in elite female footballers 10 years following anterior cruciate ligament reconstruction. Physical Therapy in Sport, 2019, 37, 144-149.	1.9	25
39	Gait Velocity and Joint Power Generation After Stroke. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 841-849.	1.4	16
40	The nature and extent of upper limb associated reactions during walking in people with acquired brain injury. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 160.	4.6	11
41	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
42	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
43	Dynamic balance and instrumented gait variables are independent predictors of falls following stroke. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 3.	4.6	65
44	Inter- and intra-rater variability of testing velocity when assessing lower limb spasticity. Journal of Rehabilitation Medicine, 2019, 51, 54-60.	1.1	12
45	Trunk and lower limb coordination during lifting in people with and without chronic low back pain. Journal of Biomechanics, 2018, 71, 257-263.	2.1	29
46	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
47	Activity levels of preterm children at seven years of age. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 905-905.	1.5	0
48	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
49	Assessment of isometric muscle strength and rate of torque development with hand-held dynamometry: Test-retest reliability and relationship with gait velocity after stroke. Journal of Biomechanics, 2018, 75, 171-175.	2.1	22
50	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
51	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
52	Motor impairments in children: More than just the clumsy child. Journal of Paediatrics and Child Health, 2018, 54, 1131-1135.	0.8	11
53	Lower limb angular velocity during walking at various speeds. Gait and Posture, 2018, 65, 190-196.	1.4	99
54	Comparative performance of isometric and isotonic quadriceps strength testing in total knee arthroplasty. Musculoskeletal Science and Practice, 2018, 37, 17-19.	1.3	5

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	Associations between lower limb strength and gait velocity following stroke: A systematic review. <i>Brain Injury</i> , 2015, 29, 409-422.	1.2	42
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	Concurrent validity of the Microsoft Kinect for assessment of spatiotemporal gait variables. Journal of Biomechanics, 2013, 46, 2722-2725.	2.1	182