

Kelly J Bower

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,437
citations

687363

13
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1959
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 validity of the Wii Balance Board for assessment of standing balance: A systematic review. Gait and Posture, 2018, 61, 40-54.	1.4	135
6	Clinical feasibility of interactive motion-controlled games for stroke rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 63.	4.6	82
7	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
8	Clinical feasibility of the Nintendo Wii™ for balance training post-stroke: a phase II randomized controlled trial in an inpatient setting. Clinical Rehabilitation, 2014, 28, 912-923.	2.2	69
9	Dynamic balance and instrumented gait variables are independent predictors of falls following stroke. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 3.	4.6	65
10	Instrumented Static and Dynamic Balance Assessment after Stroke Using Wii Balance Boards: Reliability and Association with Clinical Tests. PLoS ONE, 2014, 9, e115282.	2.5	39
11	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. Medical and Biological Engineering and Computing, 2019, 57, 369-377.	2.8	24
12	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
13	What Factors Influence Clinicians' Use of Technology in Neurorehabilitation? A Multisite Qualitative Study. Physical Therapy, 2021, 101, .	2.4	16
14	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
15	Modifiable Factors Associated With Poststroke Physical Activity at Discharge From Rehabilitation: Prospective Cohort Study. Physical Therapy, 2020, 100, 818-828.	2.4	14
16	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
17	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. Games for Health Journal, 2013, 2, 103-108.	2.0	10
18	Validity of a low-cost laser with freely available software for improving measurement of walking and running speed. Journal of Science and Medicine in Sport, 2019, 22, 212-216.	1.3	10

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	The effectiveness of a novel cable-driven gait trainer (Robowalk) combined with conventional physiotherapy compared to conventional physiotherapy alone following stroke: a randomised controlled trial. <i>International Journal of Rehabilitation Research</i> , 2019, 42, 377-384.	1.3	4
22	Upper Limb Associated Reactions. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 235-242.	1.4	3
23	Maximising Abilities, Negotiating and Generating Exercise options (MANAGE) in people with multiple sclerosis: A feasibility randomised controlled trial. <i>Clinical Rehabilitation</i> , 2022, 36, 498-510.	2.2	2
24	Paretic and Nonparetic Step Tests Are Noninterchangeable in Stroke: A Prospective Cohort Study. <i>Physical Therapy</i> , 2021, 101, .	2.4	0
25	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
26	Critically appraised paper: Additional rehabilitation following botulinum toxin-A does not improve goal attainment and upper limb activity in chronic stroke survivors [commentary]. <i>Journal of Physiotherapy</i> , 2021, 67, 217.	1.7	0
27	Quiet standing postural control variables in subacute stroke: associations with gait and balance, falls prediction and responsiveness. <i>Disability and Rehabilitation</i> , 2022, , 1-8.	1.8	0