

Mark G Bowden

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,354
citations

361413

20
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

2044
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between Step Length Asymmetry and Walking Performance in Subjects With Chronic Hemiparesis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007, 88, 43-49.	0.9	379
2	Anterior-Posterior Ground Reaction Forces as a Measure of Paretic Leg Contribution in Hemiparetic Walking. <i>Stroke</i> , 2006, 37, 872-876.	2.0	283
3	Neuroplasticity After Spinal Cord Injury and Training: An Emerging Paradigm Shift in Rehabilitation and Walking Recovery. <i>Physical Therapy</i> , 2006, 86, 1406-1425.	2.4	251
4	Locomotor Training Progression and Outcomes After Incomplete Spinal Cord Injury. <i>Physical Therapy</i> , 2005, 85, 1356-1371.	2.4	171
5	The influence of locomotor rehabilitation on module quality and post-stroke hemiparetic walking performance. <i>Gait and Posture</i> , 2013, 38, 511-517.	1.4	135
6	Evaluation of Abnormal Synergy Patterns Poststroke: Relationship of the Fugl-Meyer Assessment to Hemiparetic Locomotion. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 328-337.	2.9	119
7	Paretic propulsion as a measure of walking performance and functional motor recovery post-stroke: A review. <i>Gait and Posture</i> , 2019, 68, 6-14.	1.4	90
8	A systematic review of mechanisms of gait speed change post-stroke. Part 1: spatiotemporal parameters and asymmetry ratios. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 435-446.	1.9	85
9	Locomotor Rehabilitation of Individuals With Chronic Stroke: Difference Between Responders and Nonresponders. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 856-862.	0.9	84
10	Correlations between measures of dynamic balance in individuals with post-stroke hemiparesis. <i>Journal of Biomechanics</i> , 2016, 49, 396-400.	2.1	80
11	Promoting neuroplasticity and recovery after stroke. <i>Current Opinion in Neurology</i> , 2013, 26, 37-42.	3.6	71
12	Comparison of Motor Control Deficits During Treadmill and Overground Walking Poststroke. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 756-765.	2.9	69
13	Step Activity Monitor: Accuracy and test-retest reliability in persons with incomplete spinal cord injury. <i>Journal of Rehabilitation Research and Development</i> , 2007, 44, 355.	1.6	65
14	Locomotor training progression and outcomes after incomplete spinal cord injury. <i>Physical Therapy</i> , 2005, 85, 1356-71.	2.4	64
15	A systematic review of mechanisms of gait speed change post-stroke. Part 2: exercise capacity, muscle activation, kinetics, and kinematics. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 394-403.	1.9	57
16	Prediction of responders for outcome measures of Locomotor Experience Applied Post Stroke trial. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 39-50.	1.6	47
17	These legs were made for propulsion: advancing the diagnosis and treatment of post-stroke propulsion deficits. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 139.	4.6	43
18	Advancing Measurement of Locomotor Rehabilitation Outcomes to Optimize Interventions and Differentiate Between Recovery Versus Compensation. <i>Journal of Neurologic Physical Therapy</i> , 2012, 36, 38-44.	1.4	32

#	ARTICLE	IF	CITATIONS
19	Physical Therapy Adjuvants to Promote Optimization of Walking Recovery after Stroke. <i>Stroke Research and Treatment</i> , 2011, 2011, 1-10.	0.8	23
20	Dimensionality and Item-Difficulty Hierarchy of the Lower Extremity Fugl-Meyer Assessment in Individuals With Subacute and Chronic Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 582-589.e2.	0.9	23
21	Rehabilitating Walking Speed Poststroke With Treadmill-Based Interventions. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 709-721.	2.9	22
22	Motor Cortex and Motor Cortical Interhemispheric Communication in Walking After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 94-102.	2.9	20
23	Merged plantarflexor muscle activity is predictive of poor walking performance in post-stroke hemiparetic subjects. <i>Journal of Biomechanics</i> , 2019, 82, 361-367.	2.1	19
24	POWER training in chronic stroke individuals: differences between responders and nonresponders. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 496-502.	1.9	18
25	Rehabilitation of Walking After Stroke. <i>Current Treatment Options in Neurology</i> , 2012, 14, 521-530.	1.8	13
26	Altered post-stroke propulsion is related to paretic swing phase kinematics. <i>Clinical Biomechanics</i> , 2020, 72, 24-30.	1.2	13
27	Lower Extremity Strength Is Correlated with Walking Function After Incomplete SCI. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2015, 21, 133-139.	1.8	12
28	The Effects of POWER Training in Young and Older Adults after Stroke. <i>Stroke Research and Treatment</i> , 2016, 2016, 1-5.	0.8	12
29	Commentary: Remote assessments of gait and balance - Implications for research during and beyond Covid-19. <i>Topics in Stroke Rehabilitation</i> , 2022, 29, 74-81.	1.9	10
30	Revisiting the Concept of Minimal Detectable Change for Patient-Reported Outcome Measures. <i>Physical Therapy</i> , 2022, 102, .	2.4	8
31	Characterizing the corticomotor connectivity of the bilateral ankle muscles during rest and isometric contraction in healthy adults. <i>Journal of Electromyography and Kinesiology</i> , 2018, 41, 9-18.	1.7	7
32	Bilateral Assessment of the Corticospinal Pathways of the Ankle Muscles Using Navigated Transcranial Magnetic Stimulation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	7
33	Benchmarking in Academic Physical Therapy: A Multicenter Trial Using the PT-GQ Survey. <i>Physical Therapy</i> , 2021, 101, .	2.4	7
34	The influence of locomotor training on dynamic balance during steady-state walking post-stroke. <i>Journal of Biomechanics</i> , 2019, 89, 21-27.	2.1	6
35	Lessons Learned: The Difficulties of Incorporating Intensity Principles Into Inpatient Stroke Rehabilitation. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2020, 2, 100052.	0.9	6
36	Comparing cortico-motor hotspot identification methods in the lower extremities post-stroke: MEP amplitude vs. latency. <i>Neuroscience Letters</i> , 2021, 754, 135884.	2.1	2