

Jacob J Sosnoff

List of Publications by Year in descending order

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229
papers

7,091
citations

61687

45
h-index

97045

71
g-index

234
all docs

234
docs citations

234
times ranked

6269
citing authors

#	ARTICLE	IF	CITATIONS
1	Head Impacts During High School Football: A Biomechanical Assessment. <i>Journal of Athletic Training</i> , 2009, 44, 342-349.	0.9	234
2	Biomechanical Properties of Concussions in High School Football. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 2064-2071.	0.2	205
3	Cumulative Head Impact Burden in High School Football. <i>Journal of Neurotrauma</i> , 2011, 28, 2069-2078.	1.7	194
4	Mobility, Balance and Falls in Persons with Multiple Sclerosis. <i>PLoS ONE</i> , 2011, 6, e28021.	1.1	188
5	Gait variability in people with neurological disorders: A systematic review and meta-analysis. <i>Human Movement Science</i> , 2016, 47, 197-208.	0.6	182
6	Quantifying gait abnormalities in persons with multiple sclerosis with minimal disability. <i>Gait and Posture</i> , 2012, 36, 154-156.	0.6	162
7	The Chronic Effects of Concussion on Gait. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 585-589.	0.5	140
8	Previous Mild Traumatic Brain Injury and Postural-Control Dynamics. <i>Journal of Athletic Training</i> , 2011, 46, 85-91.	0.9	132
9	Clinically meaningful performance benchmarks in MS. <i>Neurology</i> , 2013, 81, 1856-1863.	1.5	131
10	Novel sensing technology in fall risk assessment in older adults: a systematic review. <i>BMC Geriatrics</i> , 2018, 18, 14.	1.1	119
11	Influence of Spasticity on Mobility and Balance in Persons With Multiple Sclerosis. <i>Journal of Neurologic Physical Therapy</i> , 2011, 35, 129-132.	0.7	118
12	Multiple Sclerosis and Postural Control: The Role of Spasticity. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 93-99.	0.5	105
13	Are age-related increases in force variability due to decrements in strength?. <i>Experimental Brain Research</i> , 2006, 174, 86-94.	0.7	100
14	Monitoring gait in multiple sclerosis with novel wearable motion sensors. <i>PLoS ONE</i> , 2017, 12, e0171346.	1.1	99
15	Cognitive-Motor Interference in Multiple Sclerosis: A Systematic Review of Evidence, Correlates, and Consequences. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	97
16	Dual task cost of walking is related to fall risk in persons with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2013, 335, 160-163.	0.3	88
17	Physical fitness, walking performance, and gait in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2013, 328, 70-76.	0.3	86
18	Intermittent visual information and the multiple time scales of visual motor control of continuous isometric force production. <i>Perception & Psychophysics</i> , 2005, 67, 335-344.	2.3	83

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19	Information processing limitations with aging in the visual scaling of isometric force. <i>Experimental Brain Research</i> , 2006, 170, 423-432.	0.7	82
20	Independence between the amount and structure of variability at low force levels. <i>Neuroscience Letters</i> , 2006, 392, 165-169.	1.0	81
21	Energy Cost of Walking and Its Association With Gait Parameters, Daily Activity, and Fatigue in Persons With Mild Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 1015-1021.	1.4	81
22	The Relationship of Athlete-Reported Concussion Symptoms and Objective Measures of Neurocognitive Function and Postural Control. <i>Clinical Journal of Sport Medicine</i> , 2009, 19, 377-382.	0.9	80
23	Accelerometry as a measure of walking behavior in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2013, 127, 384-390.	1.0	80
24	Postural control deficits in people with Multiple Sclerosis: A systematic review and meta-analysis. <i>Gait and Posture</i> , 2018, 61, 445-452.	0.6	77
25	Home-based exercise program and fall-risk reduction in older adults with multiple sclerosis: phase 1 randomized controlled trial. <i>Clinical Rehabilitation</i> , 2014, 28, 254-263.	1.0	74
26	A machine learning approach for gait speed estimation using skin-mounted wearable sensors: From healthy controls to individuals with multiple sclerosis. <i>PLoS ONE</i> , 2017, 12, e0178366.	1.1	70
27	A systematic review of balance and fall risk assessments with mobile phone technology. <i>Archives of Gerontology and Geriatrics</i> , 2017, 73, 222-226.	1.4	69
28	Quantifying gait impairment in multiple sclerosis using GAITRite™ technology. <i>Gait and Posture</i> , 2011, 34, 145-147.	0.6	67
29	Lower extremity muscle quality and gait variability in older adults. <i>Age and Ageing</i> , 2012, 41, 595-599.	0.7	67
30	Smartphone technology can measure postural stability and discriminate fall risk in older adults. <i>Gait and Posture</i> , 2019, 67, 160-165.	0.6	65
31	Gait variability and disability in multiple sclerosis. <i>Gait and Posture</i> , 2013, 38, 51-55.	0.6	63
32	Gait Variability and Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2013, 2013, 1-7.	0.4	63
33	Cardiorespiratory fitness and its association with thalamic, hippocampal, and basal ganglia volumes in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 661-666.	1.4	62
34	Intervention modalities for targeting cognitive-motor interference in individuals with neurodegenerative disease: a systematic review. <i>Expert Review of Neurotherapeutics</i> , 2017, 17, 251-261.	1.4	61
35	Age-related differences in force variability and visual display. <i>Experimental Brain Research</i> , 2010, 203, 299-306.	0.7	60
36	Walking and Thinking in Persons With Multiple Sclerosis Who Vary in Disability. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 2028-2033.	0.5	59

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37	Accuracy of the actibelt [®] accelerometer for measuring walking speed in a controlled environment among persons with multiple sclerosis. <i>Gait and Posture</i> , 2012, 35, 192-196.	0.6	58
38	Ageing, Visual Intermittency, and Variability in Isometric Force Output. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2006, 61, P117-P124.	2.4	56
39	Fall Incidence as the Primary Outcome in Multiple Sclerosis Falls-Prevention Trials. <i>International Journal of MS Care</i> , 2014, 16, 178-184.	0.4	56
40	A Fall Risk mHealth App for Older Adults: Development and Usability Study. <i>JMIR Aging</i> , 2018, 1, e11569.	1.4	54
41	Postural control in multiple sclerosis: Effects of disability status and dual task. <i>Journal of the Neurological Sciences</i> , 2012, 315, 44-48.	0.3	53
42	Evidence for the different physiological significance of the 6- and 2-minute walk tests in multiple sclerosis. <i>BMC Neurology</i> , 2012, 12, 6.	0.8	53
43	Walking and cognition, but not symptoms, correlate with dual task cost of walking in multiple sclerosis. <i>Gait and Posture</i> , 2014, 39, 870-874.	0.6	53
44	Assessment of Postural Sway in Individuals with Multiple Sclerosis Using a Novel Wearable Inertial Sensor. <i>Digital Biomarkers</i> , 2018, 2, 1-10.	2.2	51
45	Cognitive and motor function are associated following mild traumatic brain injury. <i>Experimental Brain Research</i> , 2008, 187, 563-571.	0.7	49
46	Fall Risk Prediction in Multiple Sclerosis Using Postural Sway Measures: A Machine Learning Approach. <i>Scientific Reports</i> , 2019, 9, 16154.	1.6	48
47	Age-related changes in complexity depend on task dynamics. <i>Journal of Applied Physiology</i> , 2004, 97, 454-455.	1.2	47
48	Age-Related Loss of Adaptability to Fast Time Scales in Motor Variability. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2008, 63, P344-P352.	2.4	47
49	A systematic review of risk factors associated with accidental falls, outcome measures and interventions to manage fall risk in non-ambulatory adults. <i>Disability and Rehabilitation</i> , 2015, 37, 1697-1705.	0.9	47
50	A wearable sensor identifies alterations in community ambulation in multiple sclerosis: contributors to real-world gait quality and physical activity. <i>Journal of Neurology</i> , 2020, 267, 1912-1921.	1.8	46
51	Further Validation of Multiple Sclerosis Walking Scale-12 Scores Based on Spatiotemporal Gait Parameters. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 575-578.	0.5	45
52	Stride-Time Variability and Fall Risk in Persons with Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2015, 2015, 1-7.	0.4	44
53	Ageing and Rhythmical Force Output: Loss of Adaptive Control of Multiple Neural Oscillators. <i>Journal of Neurophysiology</i> , 2004, 91, 172-181.	0.9	43
54	Combined Training Improves Walking Mobility in Persons With Significant Disability From Multiple Sclerosis. <i>Journal of Neurologic Physical Therapy</i> , 2012, 36, 32-37.	0.7	43

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55	Safe Landing Strategies During a Fall: Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2017, 98, 783-794.	0.5	43
56	Next Steps in Wearable Technology and Community Ambulation in Multiple Sclerosis. Current Neurology and Neuroscience Reports, 2019, 19, 80.	2.0	43
57	Falls among full-time wheelchair users with spinal cord injury and multiple sclerosis: a comparison of characteristics of fallers and circumstances of falls. Disability and Rehabilitation, 2019, 41, 389-395.	0.9	42
58	Real-life walking impairment in multiple sclerosis: preliminary comparison of four methods for processing accelerometry data. Multiple Sclerosis Journal, 2010, 16, 868-877.	1.4	41
59	Cognitive Processing Speed Is Related to Fall Frequency in Older Adults With Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1567-1572.	0.5	40
60	Mobility and cognitive correlates of dual task cost of walking in persons with multiple sclerosis. Disability and Rehabilitation, 2014, 36, 205-209.	0.9	39
61	Falls and Fall-Related Injuries Among US Adults Aged 65 or Older With Chronic Kidney Disease. Preventing Chronic Disease, 2018, 15, E82.	1.7	39
62	Acute Resistance Exercise Reduces Heart Rate Complexity and Increases QTc Interval. International Journal of Sports Medicine, 2008, 29, 289-293.	0.8	38
63	The Generalization of Perceptual-Motor Intra-Individual Variability in Young and Old Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2006, 61, P304-P310.	2.4	37
64	A Comparison of Balance Performance: Computerized Dynamic Posturography and a Random Motion Platform. Archives of Physical Medicine and Rehabilitation, 2009, 90, 145-150.	0.5	37
65	Further validation of the Six-Spot Step Test as a measure of ambulation in multiple sclerosis. Gait and Posture, 2015, 41, 222-227.	0.6	36
66	Commercially available accelerometry as an ecologically valid measure of ambulation in individuals with multiple sclerosis. Expert Review of Neurotherapeutics, 2012, 12, 1079-1088.	1.4	35
67	Variability of peak shoulder force during wheelchair propulsion in manual wheelchair users with and without shoulder pain. Clinical Biomechanics, 2013, 28, 967-972.	0.5	35
68	Level of Mobility Limitations and Falls Status in Persons With Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2014, 95, 862-866.	0.5	35
69	Effect of a 4-week period of unloaded leg cycling exercise on spasticity in multiple sclerosis. NeuroRehabilitation, 2009, 24, 327-331.	0.5	34
70	Correlates of dual task cost of standing balance in individuals with multiple sclerosis. Gait and Posture, 2014, 40, 352-356.	0.6	34
71	Fall risk and incidence reduction in high risk individuals with multiple sclerosis: a pilot randomized control trial. Clinical Rehabilitation, 2015, 29, 952-960.	1.0	34
72	Pallidal and caudate volumes correlate with walking function in multiple sclerosis. Journal of the Neurological Sciences, 2015, 354, 33-36.	0.3	34

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73	Reliability and validity of the function in sitting test among non-ambulatory individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2020, 43, 846-853.	0.7	34
74	Aging, Complexity, and Motor Performance. , 2006, , 163-182.		34
75	Fall prevalence in people with multiple sclerosis who use wheelchairs and scooters. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Ove</i>	0.4	33
76	Footfall Placement Variability and Falls in Multiple Sclerosis. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1740-1747.	1.3	32
77	Examination of spatiotemporal gait parameters during the 6-min walk in individuals with multiple sclerosis. <i>International Journal of Rehabilitation Research</i> , 2014, 37, 311-316.	0.7	32
78	Postural control in hemodialysis patients. <i>Gait and Posture</i> , 2014, 39, 723-727.	0.6	32
79	Dual task training in persons with Multiple Sclerosis: a feasibility randomized controlled trial. <i>Clinical Rehabilitation</i> , 2017, 31, 1322-1331.	1.0	32
80	Concussion does not impact intraindividual response time variability.. <i>Neuropsychology</i> , 2007, 21, 796-802.	1.0	31
81	Complexity of force output during static exercise in individuals with Down syndrome. <i>Journal of Applied Physiology</i> , 2009, 106, 1227-1233.	1.2	31
82	Fractal scaling properties of heart rate dynamics following resistance exercise training. <i>Journal of Applied Physiology</i> , 2008, 105, 109-113.	1.2	30
83	Concussions in Wheelchair Basketball. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 275-278.	0.5	29
84	Gait and six-minute walk performance in persons with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2013, 334, 72-76.	0.3	29
85	Gait and Balance Assessments using Smartphone Applications in Parkinson's Disease: A Systematic Review. <i>Journal of Medical Systems</i> , 2021, 45, 87.	2.2	29
86	Practice and Age-Related Loss of Adaptability in Sensorimotor Performance. <i>Journal of Motor Behavior</i> , 2009, 41, 137-146.	0.5	28
87	A Review of New Analytic Techniques for Quantifying Symmetry in Locomotion. <i>Symmetry</i> , 2010, 2, 1135-1155.	1.1	28
88	Relationship Between Shoulder Pain and Kinetic and Temporal-Spatial Variability in Wheelchair Users. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 699-704.	0.5	28
89	Balance and Gait Alterations Observed More Than 2 Weeks After Concussion. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 566-576.	0.7	28
90	Reducing falls and improving mobility in multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 655-666.	1.4	27

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91	Are Visual Feedback Delays Responsible for Aging-Related Increases in Force Variability?. <i>Experimental Aging Research</i> , 2007, 33, 399-415.	0.6	25
92	Aging and Motor Variability: A Test of the Neural Noise Hypothesis. <i>Experimental Aging Research</i> , 2011, 37, 377-397.	0.6	25
93	Aging, hypertension and physiological tremor: The contribution of the cardioballistic impulse to tremorgenesis in older adults. <i>Journal of the Neurological Sciences</i> , 2013, 326, 68-74.	0.3	24
94	Increased Postural Demand Is Associated With Greater Cognitive Workload in Healthy Young Adults: A Pupillometry Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 288.	1.0	24
95	Beyond the Mind-Body Exercise Hype. <i>Physician and Sportsmedicine</i> , 2000, 28, 67-81.	1.0	23
96	A Test of the Rambling and Trembling Hypothesis: Multiple Sclerosis and Postural Control. <i>Motor Control</i> , 2011, 15, 568-579.	0.3	23
97	Investigating Age-related changes in fine motor control across different effectors and the impact of white matter integrity. <i>NeuroImage</i> , 2014, 96, 81-87.	2.1	23
98	Age-Related Changes in the Adaptability of Neuromuscular Output. <i>Journal of Motor Behavior</i> , 2009, 41, 274-288.	0.5	22
99	Does a waist-worn accelerometer capture intra- and inter-person variation in walking behavior among persons with multiple sclerosis?. <i>Medical Engineering and Physics</i> , 2010, 32, 1224-1228.	0.8	22
100	Perceptions of Fall Circumstances, Recovery Methods, and Community Participation in Manual Wheelchair Users. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 649-656.	0.7	22
101	Effects of Walking Direction and Cognitive Challenges on Gait in Persons with Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2013, 2013, 1-6.	0.4	21
102	The adaptive range of 1/f isometric force production.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 439-446.	0.7	20
103	Reliability and validity of the function in sitting test in nonambulatory individuals with multiple sclerosis. <i>International Journal of Rehabilitation Research</i> , 2016, 39, 308-312.	0.7	20
104	Cognition is associated with gait variability in individuals with multiple sclerosis. <i>Journal of Neural Transmission</i> , 2017, 124, 1503-1508.	1.4	20
105	Information and force level interact in regulating force output during two and three digit grip configurations. <i>Experimental Brain Research</i> , 2005, 167, 76-85.	0.7	19
106	Intermittency of Visual Information and the Frequency of Rhythmical Force Production. <i>Journal of Motor Behavior</i> , 2005, 37, 325-336.	0.5	19
107	Perceived Impact of Spasticity Is Associated with Spatial and Temporal Parameters of Gait in Multiple Sclerosis. <i>ISRN Neurology</i> , 2012, 2012, 1-6.	1.5	19
108	Spinal Cord Injury and Time to Instability in Seated Posture. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1615-1620.	0.5	19

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109	Leg Spasticity and Ambulation in Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2014, 2014, 1-7.	0.4	19
110	Perceptions of fall circumstances, injuries and recovery techniques among power wheelchair users: a qualitative study. <i>Clinical Rehabilitation</i> , 2018, 32, 985-993.	1.0	19
111	Fear of Falling, Community Participation, and Quality of Life Among Community-Dwelling People Who Use Wheelchairs Full Time. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 1140-1146.	0.5	19
112	Information entropy analysis of discrete aiming movements. <i>Acta Psychologica</i> , 2005, 119, 283-304.	0.7	18
113	The Effect of Knee Joint Angle on Torque Control. <i>Journal of Motor Behavior</i> , 2009, 42, 5-10.	0.5	18
114	Effect of acute unloaded arm versus leg cycling exercise on the soleus H-reflex in adults with multiple sclerosis. <i>Neuroscience Letters</i> , 2010, 479, 307-311.	1.0	18
115	Cannabidiol to Improve Mobility in People with Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 183.	1.1	18
116	Smartphone applications to assess gait and postural control in people with multiple sclerosis: A systematic review. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 51, 102943.	0.9	18
117	Walking and Talking in Maintenance Hemodialysis Patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 127-131.	0.5	17
118	The impact of localized fatigue on contralateral tremor and muscle activity is exacerbated by standing posture. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 1211-1218.	0.7	16
119	Variability in Wheelchair Propulsion: A New Window into an Old Problem. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 105.	2.0	16
120	Three-Month Test-Retest Reliability of Center of Pressure Motion During Standing Balance in Individuals with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2016, 18, 59-62.	0.4	16
121	Novel technology for mobility and balance tracking in patients with multiple sclerosis: a systematic review. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 887-898.	1.4	16
122	Applying the RE-AIM Framework to Inform the Development of a Multiple Sclerosis Falls-Prevention Intervention. <i>International Journal of MS Care</i> , 2014, 16, 192-197.	0.4	16
123	Coherence of EMG activity and single motor unit discharge patterns in human rhythmical force production. <i>Behavioural Brain Research</i> , 2005, 158, 301-310.	1.2	15
124	A brief fall prevention intervention for manual wheelchair users with spinal cord injuries: A pilot study. <i>Journal of Spinal Cord Medicine</i> , 2020, 43, 607-615.	0.7	15
125	Smartphone accelerometry to assess postural control in individuals with multiple sclerosis. <i>Gait and Posture</i> , 2021, 84, 114-119.	0.6	15
126	Investigation of the Feasibility of an Intervention to Manage Fall Risk in Wheeled Mobility Device Users with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2018, 20, 121-128.	0.4	15

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127	Preliminary Investigation of Gait Initiation and Falls in Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2015, 96, 1098-1102.	0.5	14
128	The influence of lower leg configurations on muscle force variability. Journal of Biomechanics, 2018, 71, 111-118.	0.9	14
129	Validation of an individualized reduction of falls intervention program among wheelchair and scooter users with multiple sclerosis. Medicine (United States), 2019, 98, e15418.	0.4	14
130	Increased Likelihood of Falling in Older Cannabis Users vs. Non-Users. Brain Sciences, 2021, 11, 134.	1.1	14
131	Shoulder pain and jerk during recovery phase of manual wheelchair propulsion. Journal of Biomechanics, 2015, 48, 3937-3944.	0.9	13
132	Gait and Balance Impairments in Breast Cancer Survivors: A Systematic Review and Meta-analysis of Observational Studies. Archives of Rehabilitation Research and Clinical Translation, 2019, 1, 100001.	0.5	13
133	Effect of Cognitive Demand on Functional Mobility in Ambulatory Individuals with Multiple Sclerosis. International Journal of MS Care, 2017, 19, 217-224.	0.4	13
134	Exploring Baseline Concussion-Assessment Performance in Adapted Wheelchair Sport Athletes. Journal of Athletic Training, 2020, 55, 856-862.	0.9	13
135	Rationale and design of a randomized controlled, clinical trial investigating a comprehensive exercise stimulus for improving mobility disability outcomes in persons with multiple sclerosis. Contemporary Clinical Trials, 2013, 35, 151-158.	0.8	12
136	Sex, shoulder pain, and range of motion in manual wheelchair users. Journal of Rehabilitation Research and Development, 2013, 50, 351.	1.6	12
137	International MS Falls Prevention Research Network. International Journal of MS Care, 2014, 16, 161-162.	0.4	12
138	Reliability of gait in multiple sclerosis over 6 months. Gait and Posture, 2015, 41, 860-862.	0.6	12
139	Shoulder pain and time dependent structure in wheelchair propulsion variability. Medical Engineering and Physics, 2016, 38, 648-655.	0.8	12
140	The Relationship Between Balance Confidence and Cognitive Motor Interference in Individuals With Multiple Sclerosis. Journal of Motor Behavior, 2016, 48, 66-71.	0.5	12
141	Can optical flow perturbations detect walking balance impairment in people with multiple sclerosis?. PLoS ONE, 2020, 15, e0230202.	1.1	12
142	Usability of a Fall Risk mHealth App for People With Multiple Sclerosis: Mixed Methods Study. JMIR Human Factors, 2021, 8, e25604.	1.0	12
143	Shoulder Pain and Cycle to Cycle Kinematic Spatial Variability during Recovery Phase in Manual Wheelchair Users: A Pilot Investigation. PLoS ONE, 2014, 9, e89794.	1.1	12
144	Aging Effects on Sensorimotor Integration: A Comparison of Effector Systems and Feedback Modalities. Journal of Motor Behavior, 2013, 45, 217-230.	0.5	11

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145	Effect of muscle strength on gait in hemodialysis patients with and without diabetes. <i>International Journal of Rehabilitation Research</i> , 2014, 37, 29-33.	0.7	11
146	Gait termination in individuals with multiple sclerosis. <i>Gait and Posture</i> , 2015, 42, 335-339.	0.6	11
147	Preliminary evaluation of a self-guided fall risk assessment tool for older adults. <i>Archives of Gerontology and Geriatrics</i> , 2019, 82, 94-99.	1.4	11
148	Preliminary investigation of teaching older adults the tuck-and-roll strategy: Can older adults learn to fall with reduced impact severity. <i>Journal of Biomechanics</i> , 2019, 83, 291-297.	0.9	11
149	Motor Learning in People with Multiple Sclerosis: A Systematic Review and Meta-analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 512-523.	0.5	11
150	Does a waist-worn ActiGraph accelerometer quantify community ambulation in persons with multiple sclerosis?. <i>Journal of Rehabilitation Research and Development</i> , 2012, 49, 1405.	1.6	11
151	Visuomotor and Audiomotor Processing in Continuous Force Production of Oral and Manual Effectors. <i>Journal of Motor Behavior</i> , 2012, 44, 87-96.	0.5	10
152	The Validity of a Mixed Reality-Based Automated Functional Mobility Assessment. <i>Sensors</i> , 2019, 19, 2183.	2.1	10
153	Whom to Target for Falls-Prevention Trials. <i>International Journal of MS Care</i> , 2014, 16, 203-207.	0.4	10
154	Bladder function and falls in individuals with multiple sclerosis. <i>Disability and Rehabilitation</i> , 2016, 38, 2193-2197.	0.9	9
155	Epidemiology of falls and fall-related injuries among middle-aged adults with kidney disease. <i>International Urology and Nephrology</i> , 2019, 51, 1613-1621.	0.6	9
156	The Role of Neck Musculature in Traumatic Brain Injuries in Older Adults: Implications From Sports Medicine. <i>Frontiers in Medicine</i> , 2019, 6, 53.	1.2	9
157	Effects of aerobic fitness on cognitive motor interference during self-paced treadmill walking in older adults. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 2539-2547.	1.4	9
158	Sensitivity of Apple Watch fall detection feature among wheelchair users. <i>Assistive Technology</i> , 2021, , 1-7.	1.2	9
159	Falls Among Wheelchair and Scooter Users with Multiple Sclerosis—A Review. <i>US Neurology</i> , 2018, 14, 82.	0.2	9
160	The Validity, Reliability, and Sensitivity of a Smartphone-Based Seated Postural Control Assessment in Wheelchair Users: A Pilot Study. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 540930.	0.9	9
161	Use of a Short Version of the Activities-specific Balance Confidence Scale in Multiple Sclerosis. <i>International Journal of MS Care</i> , 2019, 21, 15-21.	0.4	9
162	Smartphone-based gait and balance assessment in survivors of stroke: a systematic review. <i>Disability and Rehabilitation: Assistive Technology</i> , 2024, 19, 177-187.	1.3	9

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163	Auditory Motor Integration in Oral and Manual Effectors. <i>Journal of Motor Behavior</i> , 2010, 42, 233-239.	0.5	8
164	Spinal Cord Injury and Seated Postural Control: A Test of the Rambling and Trembling Hypothesis. <i>Motor Control</i> , 2017, 21, 443-456.	0.3	8
165	The dynamics of finger tremor in multiple sclerosis is affected by whole body position. <i>Journal of the Neurological Sciences</i> , 2013, 324, 84-89.	0.3	7
166	Gait variability is altered in cancer survivors with self-reported neuropathy. <i>Gait and Posture</i> , 2019, 72, 206-210.	0.6	7
167	Age-Related Differences in Head Impact during Experimentally Induced Sideways Falls. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	7
168	Feasibility and preliminary reliability and validity of remote sitting balance assessments among wheelchair users. <i>International Journal of Rehabilitation Research</i> , 2021, 44, 177-180.	0.7	7
169	Unplanned gait termination in individuals with multiple sclerosis. <i>Gait and Posture</i> , 2017, 53, 168-172.	0.6	6
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