Jeffrey M Hausdorff

List of Publications by Year
in descending order

201	22,875	15466 65	9553 142
papers	citations	h-index	g-index

203	203	203	15079
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gait variability and fall risk in community-living older adults: A 1-year prospective study. Archives of Physical Medicine and Rehabilitation, 2001, 82, 1050-1056.	0.5	1,880
2	The role of executive function and attention in gait. Movement Disorders, 2008, 23, 329-342.	2.2	1,558
3	Falls and freezing of gait in Parkinson's disease: A review of two interconnected, episodic phenomena. Movement Disorders, 2004, 19, 871-884.	2.2	1,068
4	Gait and Cognition: A Complementary Approach to Understanding Brain Function and the Risk of Falling. Journal of the American Geriatrics Society, 2012, 60, 2127-2136.	1.3	703
5	Gait dynamics, fractals and falls: Finding meaning in the stride-to-stride fluctuations of human walking. Human Movement Science, 2007, 26, 555-589.	0.6	687
6	Dual tasking, gait rhythmicity, and Parkinson's disease: Which aspects of gait are attention demanding?. European Journal of Neuroscience, 2005, 22, 1248-1256.	1.2	659
7	Gait variability: methods, modeling and meaning. , 2005, 2, 19.		657
8	Dual-tasking effects on gait variability: The role of aging, falls, and executive function. Movement Disorders, 2006, 21, 950-957.	2.2	555
9	Gait dynamics in Parkinsonâ€™s disease: Common and distinct behavior among stride length, gait variability, and fractal-like scaling. Chaos, 2009, 19, 026113.	1.0	466
10	Multiscale entropy analysis of human gait dynamics. Physica A: Statistical Mechanics and Its Applications, 2003, 330, 53-60.	1.2	433
11	Influence of Executive Function on Locomotor Function: Divided Attention Increases Gait Variability in Alzheimer's Disease. Journal of the American Geriatrics Society, 2003, 51, 1633-1637.	1.3	414
12	Dynamic markers of altered gait rhythm in amyotrophic lateral sclerosis. Journal of Applied Physiology, 2000, 88, 2045-2053.	1.2	400
13	Walking is more like catching than tapping: gait in the elderly as a complex cognitive task. Experimental Brain Research, 2005, 164, 541-548.	0.7	396
14	Cognitive contributions to gait and falls: Evidence and implications. Movement Disorders, 2013, 28, 1520-1533.	2.2	390
15	Gait dynamics in Parkinson's disease: relationship to Parkinsonian features, falls and response to levodopa. Journal of the Neurological Sciences, 2003, 212, 47-53.	0.3	382
16	Executive Control Deficits as a Prodrome to Falls in Healthy Older Adults: A Prospective Study Linking Thinking, Walking, and Falling. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 1086-1092.	1.7	374
17	Gait impairments in Parkinson's disease. Lancet Neurology, The, 2019, 18, 697-708.	4.9	374
18	Rhythmic auditory stimulation modulates gait variability in Parkinson's disease. European Journal of Neuroscience, 2007, 26, 2369-2375.	1.2	347

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19	Executive Function and Falls in Older Adults: New Findings from a Five-Year Prospective Study Link Fall Risk to Cognition. PLoS ONE, 2012, 7, e40297.	1.1	347
20	Dual-Task Decrements in Gait: Contributing Factors Among Healthy Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 1335-1343.	1.7	335
21	Addition of a non-immersive virtual reality component to treadmill training to reduce fall risk in older adults (V-TIME): a randomised controlled trial. Lancet, The, 2016, 388, 1170-1182.	6.3	328
22	Gait asymmetry in patients with Parkinsonâ€™s disease and elderly fallers: when does the bilateral coordination of gait require attention?. Experimental Brain Research, 2007, 177, 336-346.	0.7	302
23	Six Weeks of Intensive Treadmill Training Improves Gait and Quality of Life in Patients With Parkinsonâ€™s Disease: A Pilot Study. Archives of Physical Medicine and Rehabilitation, 2007, 88, 1154-1158.	0.5	259
24	The Role of Higher-Level Cognitive Function in Gait: Executive Dysfunction Contributes to Fall Risk in Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders, 2007, 24, 125-137.	0.7	254
25	How Does Explicit Prioritization Alter Walking During Dual-Task Performance? Effects of Age and Sex on Gait Speed and Variability. Physical Therapy, 2010, 90, 177-186.	1.1	250
26	Does the Evaluation of Gait Quality During Daily Life Provide Insight Into Fall Risk? A Novel Approach Using 3-Day Accelerometer Recordings. Neurorehabilitation and Neural Repair, 2013, 27, 742-752.	1.4	239
27	Effects of Cognitive Challenge on Gait Variability in Patients with Parkinsonâ€™s Disease. Journal of Geriatric Psychiatry and Neurology, 2003, 16, 53-58.	1.2	235
28	Do we always prioritize balance when walking? Towards an integrated model of task prioritization. Movement Disorders, 2012, 27, 765-770.	2.2	222
29	Falls in Parkinson's disease: A complex and evolving picture. Movement Disorders, 2017, 32, 1524-1536.	2.2	220
30	Aging, the Central Nervous System, and Mobility. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 1379-1386.	1.7	213
31	A roadmap for implementation of patientâ€centered digital outcome measures in Parkinson's disease obtained using mobile health technologies. Movement Disorders, 2019, 34, 657-663.	2.2	213
32	Increased frontal brain activation during walking while dual tasking: an fNIRS study in healthy young adults. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 85.	2.4	190
33	Can an accelerometer enhance the utility of the Timed Up & Go Test when evaluating patients with Parkinson's disease?. Medical Engineering and Physics, 2010, 32, 119-125.	0.8	185
34	The Power of Ageism on Physical Function of Older Persons: Reversibility of Ageâ€Related Gait Changes. Journal of the American Geriatrics Society, 1999, 47, 1346-1349.	1.3	184
35	Objective Assessment of Fall Risk in Parkinson's Disease Using a Body-Fixed Sensor Worn for 3 Days. PLoS ONE, 2014, 9, e96675.	1.1	181
36	Long-term unsupervised mobility assessment in movement disorders. Lancet Neurology, The, 2020, 19, 462-470.	4.9	181

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37	Toward Automated, At-Home Assessment of Mobility Among Patients With Parkinson Disease, Using a Body-Worn Accelerometer. Neurorehabilitation and Neural Repair, 2011, 25, 810-818.	1.4	164
38	Virtual reality for rehabilitation in Parkinson's disease. The Cochrane Library, 2016, 2016, CD010760.	1.5	162
39	Effects of aging on prefrontal brain activation during challenging walking conditions. Brain and Cognition, 2017, 115, 41-46.	0.8	156
40	Cognitive Involvement in Balance, Gait and Dual-Tasking in Aging: A Focused Review From a Neuroscience of Aging Perspective. Frontiers in Neurology, 2018, 9, 913.	1.1	151
41	Is every-day walking in older adults more analogous to dual-task walking or to usual walking? Elucidating the gaps between gait performance in the lab and during 24/7 monitoring. European Review of Aging and Physical Activity, 2019, 16, 6.	1.3	151
42	Gait alterations in healthy carriers of the LRRK2 G2019S mutation. Annals of Neurology, 2011, 69, 193-197.	2.8	140
43	Comparative assessment of different methods for the estimation of gait temporal parameters using a single inertial sensor: application to elderly, post-stroke, Parkinson's disease and Huntington's disease subjects. Gait and Posture, 2015, 42, 310-316.	0.6	137
44	Arm swing as a potential new prodromal marker of Parkinson's disease. Movement Disorders, 2016, 31, 1527-1534.	2.2	136
45	Analysis of Free-Living Gait in Older Adults With and Without Parkinsonâ€™s Disease and With and Without a History of Falls: Identifying Generic and Disease-Specific Characteristics. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 500-506.	1.7	132
46	V-TIME: a treadmill training program augmented by virtual reality to decrease fall risk in older adults: study design of a randomized controlled trial. BMC Neurology, 2013, 13, 15.	0.8	130
47	Consensus on Shared Measures of Mobility and Cognition: From the Canadian Consortium on Neurodegeneration in Aging (CCNA). Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 897-909.	1.7	125
48	Effects of cognitive function on gait and dual tasking abilities in patients with Parkinsonâ€™s disease suffering from motor response fluctuations. Experimental Brain Research, 2011, 208, 169-179.	0.7	113
49	When does walking alter thinking? Age and task associated findings. Brain Research, 2009, 1253, 92-99.	1.1	109
50	Pain and Cognitive Function Among Older Adults Living in the Community. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 398-405.	1.7	109
51	Multitarget transcranial direct current stimulation for freezing of gait in Parkinson's disease. Movement Disorders, 2018, 33, 642-646.	2.2	105
52	Effects of a New Radio Frequencyâ€“Controlled Neuroprosthesis on Gait Symmetry and Rhythmicity in Patients with Chronic Hemiparesis. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 4-13.	0.7	104
53	Prediction of Freezing of Gait in Parkinson's From Physiological Wearables: An Exploratory Study. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1843-1854.	3.9	101
54	Model-based and Model-free Machine Learning Techniques for Diagnostic Prediction and Classification of Clinical Outcomes in Parkinsonâ€™s Disease. Scientific Reports, 2018, 8, 7129.	1.6	95

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55	Gait in attention deficit hyperactivity disorder. Journal of Neurology, 2007, 254, 1330-1338.	1.8	91
56	Beyond the target area: an integrative view of tDCS-induced motor cortex modulation in patients and athletes. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 141.	2.4	89
57	Gait and balance in Parkinsonâ€™s disease subtypes: objective measures and classification considerations. Journal of Neurology, 2014, 261, 2401-2410.	1.8	87
58	Identification of Characteristic Motor Patterns Preceding Freezing of Gait in Parkinsonâ€™s Disease Using Wearable Sensors. Frontiers in Neurology, 2017, 8, 394.	1.1	85
59	New evidence for gait abnormalities among Parkinsonâ€™s disease patients who suffer from freezing of gait: insights using a body-fixed sensor worn for 3Âdays. Journal of Neural Transmission, 2015, 122, 403-410.	1.4	84
60	Time series analysis of leg movements during freezing of gait in Parkinson's disease: akinesia, rhyme or reason?. Physica A: Statistical Mechanics and Its Applications, 2003, 321, 565-570.	1.2	83
61	Gait unsteadiness and fall risk in two affective disorders: a preliminary study. BMC Psychiatry, 2004, 4, 39.	1.1	83
62	What Links Gait Speed and MCI With Dementia? A Fresh Look at the Association Between Motor and Cognitive Function. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 409-411.	1.7	75
63	Classification of gait disturbances: Distinguishing between continuous and episodic changes. Movement Disorders, 2013, 28, 1469-1473.	2.2	72
64	Using a Body-Fixed Sensor to Identify Subclinical Gait Difficulties in Older Adults with IADL Disability: Maximizing the Output of the Timed Up and Go. PLoS ONE, 2013, 8, e68885.	1.1	72
65	Impaired dual tasking in Parkinsonâ€™s disease is associated with reduced focusing of cortico-striatal activity. Brain, 2017, 140, 1384-1398.	3.7	72
66	Associations between daily-living physical activity and laboratory-based assessments of motor severity in patients with falls and Parkinson's disease. Parkinsonism and Related Disorders, 2019, 62, 85-90.	1.1	70
67	Automated detection of near falls: algorithm development and preliminary results. BMC Research Notes, 2010, 3, 62.	0.6	69
68	The complexity of daily life walking in older adult community-dwelling fallers and non-fallers. Journal of Biomechanics, 2016, 49, 1420-1428.	0.9	69
69	Automated detection of missteps during community ambulation in patients with Parkinsonâ€™s disease: a new approach for quantifying fall risk in the community setting. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 48.	2.4	63
70	Effects of Aging on Arm Swing during Gait: The Role of Gait Speed and Dual Tasking. PLoS ONE, 2015, 10, e0136043.	1.1	63
71	Measuring prefrontal cortical activity during dual task walking in patients with Parkinsonâ€™s disease: feasibility of using a new portable fNIRS device. Pilot and Feasibility Studies, 2016, 2, 59.	0.5	63
72	Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. Gait and Posture, 2012, 35, 641-646.	0.6	62

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73	GaitAssist. , 2014, , .		62
74	Intervention modalities for targeting cognitive-motor interference in individuals with neurodegenerative disease: a systematic review. Expert Review of Neurotherapeutics, 2017, 17, 251-261.	1.4	61
75	Turn Around Freezing: Community-Living Turning Behavior in People with Parkinsonâ€™s Disease. Frontiers in Neurology, 2018, 9, 18.	1.1	61
76	White Matter Hyperintensities in Parkinsonâ€™s Disease: Do They Explain the Disparity between the Postural Instability Gait Difficulty and Tremor Dominant Subtypes?. PLoS ONE, 2013, 8, e55193.	1.1	60
77	Disparate effects of training on brain activation in Parkinson disease. Neurology, 2017, 89, 1804-1810.	1.5	60
78	When is Higher Level Cognitive Control Needed for Locomotor Tasks Among Patients with Parkinsonâ€™s Disease?. Brain Topography, 2017, 30, 531-538.	0.8	59
79	SPARC: a new approach to quantifying gait smoothness in patients with Parkinsonâ€™s disease. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 49.	2.4	59
80	Complexity-Based Measures Inform Effects of Tai Chi Training on Standing Postural Control: Cross-Sectional and Randomized Trial Studies. PLoS ONE, 2014, 9, e114731.	1.1	58
81	Attentional Control of Gait and Falls: Is Cholinergic Dysfunction a Common Substrate in the Elderly and Parkinsonâ€™s Disease?. Frontiers in Aging Neuroscience, 2016, 8, 104.	1.7	58
82	The role of the prefrontal cortex in freezing of gait in Parkinsonâ€™s disease: insights from a deep repetitive transcranial magnetic stimulation exploratory study. Experimental Brain Research, 2017, 235, 2463-2472.	0.7	57
83	Cumulative Blood Pressure Exposure During Young Adulthood and Mobility and Cognitive Function in Midlife. Circulation, 2020, 141, 712-724.	1.6	57
84	Estimation of spatio-temporal parameters of gait from magneto-inertial measurement units: multicenter validation among Parkinson, mildly cognitively impaired and healthy older adults. BioMedical Engineering OnLine, 2018, 17, 58.	1.3	56
85	Technical validation of real-world monitoring of gait: a multicentric observational study. BMJ Open, 2021, 11, e050785.	0.8	56
86	Transcranial Direct Current Stimulation May Improve Cognitive-Motor Function in Functionally Limited Older Adults. Neurorehabilitation and Neural Repair, 2018, 32, 788-798.	1.4	55
87	Balance and Gait in Older Adults With Systemic Hypertension*. American Journal of Cardiology, 2003, 91, 643-645.	0.7	51
88	Virtual reality training to enhance behavior and cognitive function among children with attention-deficit/hyperactivity disorder: brief report. Developmental Neurorehabilitation, 2019, 22, 431-436.	0.5	51
89	New horizons in falls prevention and management for older adults: a global initiative. Age and Ageing, 2021, 50, 1499-1507.	0.7	50
90	Altered organization of the dorsal attention network is associated with freezing of gait in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 63, 77-82.	1.1	49

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91	A translational approach to capture gait signatures of neurological disorders in mice and humans. Scientific Reports, 2017, 7, 3225.	1.6	48
92	Evidence for Differential Effects of 2 Forms of Exercise on Prefrontal Plasticity During Walking in Parkinsonâ€™s Disease. Neurorehabilitation and Neural Repair, 2018, 32, 200-208.	1.4	48
93	Increased Walking Variability in Elderly Persons with Congestive Heart Failure. Journal of the American Geriatrics Society, 1994, 42, 1056-1061.	1.3	47
94	Body-Worn Sensors for Remote Monitoring of Parkinsonâ€™s Disease Motor Symptoms: Vision, State of the Art, and Challenges Ahead. Journal of Parkinson's Disease, 2021, 11, S35-S47.	1.5	47
95	A wearable sensor identifies alterations in community ambulation in multiple sclerosis: contributors to real-world gait quality and physical activity. Journal of Neurology, 2020, 267, 1912-1921.	1.8	46
96	A Wearable Assistant for Gait Training for Parkinsonâ€™s Disease with Freezing of Gait in Out-of-the-Lab Environments. ACM Transactions on Interactive Intelligent Systems, 2015, 5, 1-31.	2.6	44
97	Treadmill walking reduces pre-frontal activation in patients with Parkinsonâ€™s disease. Gait and Posture, 2018, 62, 384-387.	0.6	44
98	The Parkinson's disease eâ€diary: Developing a clinical and research tool for the digital age. Movement Disorders, 2019, 34, 676-681.	2.2	43
99	Tai Chi Training may Reduce Dual Task Gait Variability, a Potential Mediator of Fall Risk, in Healthy Older Adults: Cross-Sectional and Randomized Trial Studies. Frontiers in Human Neuroscience, 2015, 9, 332.	1.0	42
100	Can a Body-Fixed Sensor Reduce Heisenbergâ€™s Uncertainty When It Comes to the Evaluation of Mobility? Effects of Aging and Fall Risk on Transitions in Daily Living. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1459-1465.	1.7	42
101	Tai Chi for Reducing Dual-task Gait Variability, a Potential Mediator of Fall Risk in Parkinsonâ€™s Disease: A Pilot Randomized Controlled Trial. Global Advances in Health and Medicine, 2018, 7, 216495611877538.	0.7	42
102	Deterioration of specific aspects of gait during the instrumented 6-min walk test among people with multiple sclerosis. Journal of Neurology, 2019, 266, 3022-3030.	1.8	42
103	Falls Risk in Relation to Activity Exposure in High-Risk Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1198-1205.	1.7	40
104	Detecting Sensitive Mobility Features for Parkinson's Disease Stages Via Machine Learning. Movement Disorders, 2021, 36, 2144-2155.	2.2	40
105	Everyday Stepping Quantity and Quality Among Older Adult Fallers With and Without Mild Cognitive Impairment: Initial Evidence for New Motor Markers of Cognitive Deficits?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1078-1082.	1.7	39
106	Clinical Experience Using a 5-Week Treadmill Training Program With Virtual Reality to Enhance Gait in an Ambulatory Physical Therapy Service. Physical Therapy, 2014, 94, 1319-1326.	1.1	38
107	Using wearables to assess bradykinesia and rigidity in patients with Parkinsonâ€™s disease: a focused, narrative review of the literature. Journal of Neural Transmission, 2019, 126, 699-710.	1.4	37
108	Associations between Quantitative Mobility Measures Derived from Components of Conventional Mobility Testing and Parkinsonian Gait in Older Adults. PLoS ONE, 2014, 9, e86262.	1.1	36

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109	Do Patients With Parkinsonâ€™s Disease With Freezing of Gait Respond Differently Than Those Without to Treadmill Training Augmented by Virtual Reality?. Neurorehabilitation and Neural Repair, 2020, 34, 440-449.	1.4	36
110	Can Cognitive Remediation Improve Mobility in Patients with Parkinson's Disease? Findings from a 12 week Pilot Study. Journal of Parkinson's Disease, 2014, 4, 37-44.	1.5	35
111	Differential Associations Between Distinct Components of Cognitive Function and Mobility: Implications for Understanding Aging, Turning and Dual-Task Walking. Frontiers in Aging Neuroscience, 2019, 11, 166.	1.7	35
112	Tossing and Turning in Bed: Nocturnal Movements in Parkinson's Disease. Movement Disorders, 2020, 35, 959-968.	2.2	34
113	Association Between Quantitative Gait and Balance Measures and Total Daily Physical Activity in Community-Dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 636-642.	1.7	33
114	Objective characterization of daily living transitions in patients with Parkinsonâ€™s disease using a single body-fixed sensor. Journal of Neurology, 2016, 263, 1544-1551.	1.8	32
115	Different Combinations of Mobility Metrics Derived From a Wearable Sensor Are Associated With Distinct Health Outcomes in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1176-1183.	1.7	31
116	Depressive symptoms may increase the risk of the future development of freezing of gait in patients with Parkinson's disease: Findings from a 5-year prospective study. Parkinsonism and Related Disorders, 2019, 60, 98-104.	1.1	30
117	Using Wearable Sensors and Machine Learning to Automatically Detect Freezing of Gait during a FOG-Provoking Test. Sensors, 2020, 20, 4474.	2.1	30
118	Aging, the Central Nervous System, and Mobility in Older Adults: Interventions. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1451-1458.	1.7	29
119	Impact of Short- and Long-term Tai Chi Mind-Body Exercise Training on Cognitive Function in Healthy Adults: Results from a Hybrid Observational Study and Randomized Trial. Global Advances in Health and Medicine, 2015, 4, 38-48.	0.7	28
120	Changes in event-related potentials during dual task walking in aging and Parkinson's disease. Clinical Neurophysiology, 2019, 130, 224-230.	0.7	28
121	The Discriminant Value of Phase-Dependent Local Dynamic Stability of Daily Life Walking in Older Adult Community-Dwelling Fallers and Nonfallers. BioMed Research International, 2015, 2015, 1-11.	0.9	27
122	Transition Between the Timed up and Go Turn to Sit Subtasks: Is Timing Everything?. Journal of the American Medical Directors Association, 2016, 17, 864.e9-864.e15.	1.2	27
123	A comparison study of local dynamic stability measures of daily life walking in older adult community-dwelling fallers and non-fallers. Journal of Biomechanics, 2016, 49, 1498-1503.	0.9	27
124	Prefrontal cortex activation during obstacle negotiation: Whatâ€™s the effect size and timing?. Brain and Cognition, 2018, 122, 45-51.	0.8	27
125	Chronic Pain and Attention in Older Communityâ€Dwelling Adults. Journal of the American Geriatrics Society, 2018, 66, 1318-1324.	1.3	27
126	Chronic Pain Characteristics and Gait in Older Adults: The MOBILIZE Boston Study II. Archives of Physical Medicine and Rehabilitation, 2020, 101, 418-425.	0.5	27

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127	GaitAssist: A wearable assistant for gait training and rehabilitation in Parkinson's disease. , 2014, , .		26
128	The transition between turning and sitting in patients with Parkinson's disease: A wearable device detects an unexpected sequence of events. Gait and Posture, 2019, 67, 224-229.	0.6	25
129	Body-Fixed Sensors for Parkinson Disease. JAMA - Journal of the American Medical Association, 2015, 314, 873.	3.8	24
130	Combining transcranial direct current stimulation with a motor-cognitive task: the impact on dual-task walking costs in older adults. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 23.	2.4	24
131	Fall risk is associated with amplified functional connectivity of the central executive network in patients with Parkinsonâ€™s disease. Journal of Neurology, 2015, 262, 2448-2456.	1.8	23
132	What predicts falls in Parkinson disease?. Neurology: Clinical Practice, 2018, 8, 214-222.	0.8	23
133	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinsonâ€™s Disease and Their First-Degree Unaffected Relatives. Brain Topography, 2018, 31, 1029-1036.	0.8	23
134	Behavioural manifestations and associated non-motor features of freezing of gait: A narrative review and theoretical framework. Neuroscience and Biobehavioral Reviews, 2020, 116, 350-364.	2.9	22
135	Gait Measures as Predictors of Poststroke Cognitive Function. Stroke, 2015, 46, 1077-1083.	1.0	21
136	Quantitative mobility metrics from a wearable sensor predict incident parkinsonism in older adults. Parkinsonism and Related Disorders, 2019, 65, 190-196.	1.1	21
137	Targeted <scp>tDCS</scp> Mitigates Dualâ€Task Costs to Gait and Balance in Older Adults. Annals of Neurology, 2021, 90, 428-439.	2.8	21
138	Can Tai Chi training impact fractal stride time dynamics, an index of gait health, in older adults? Cross-sectional and randomized trial studies. PLoS ONE, 2017, 12, e0186212.	1.1	20
139	A Multimodal Training Modulates Short Afferent Inhibition and Improves Complex Walking in a Cohort of Faller Older Adults With an Increased Prevalence of Parkinsonâ€™s Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 722-728.	1.7	19
140	Changes in the EEG spectral power during dual-task walking with aging and Parkinsonâ€™s disease: initial findings using Event-Related Spectral Perturbation analysis. Journal of Neurology, 2021, 268, 161-168.	1.8	19
141	A Novel Multidomain Computerized Cognitive Assessment for Attention-Deficit Hyperactivity Disorder: Evidence for Widespread and Circumscribed Cognitive Deficits. Journal of Child Neurology, 2007, 22, 264-276.	0.7	18
142	Distinct Effects of Motor Training on Resting-State Functional Networks of the Brain in Parkinsonâ€™s Disease. Neurorehabilitation and Neural Repair, 2020, 34, 795-803.	1.4	18
143	Multitarget Transcranial Electrical Stimulation for Freezing of Gait: A Randomized Controlled Trial. Movement Disorders, 2021, 36, 2693-2698.	2.2	18
144	Association between Community Ambulation Walking Patterns and Cognitive Function in Patients with Parkinsonâ€™s Disease: Further Insights into Motor-Cognitive Links. Parkinson's Disease, 2015, 2015, 1-11.	0.6	16

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145	Chronic Musculoskeletal Pain and Foot Reaction Time in Older Adults. Journal of Pain, 2021, 22, 76-85.	0.7	16
146	Do people with Parkinsonâ€™s disease look at task relevant stimuli when walking? An exploration of eye movements. Behavioural Brain Research, 2018, 348, 82-89.	1.2	15
147	Dopaminergic therapy and prefrontal activation during walking in individuals with Parkinsonâ€™s disease: does the levodopa overdose hypothesis extend to gait?. Journal of Neurology, 2021, 268, 658-668.	1.8	15
148	Quantification of Daily-Living Gait Quantity and Quality Using a Wrist-Worn Accelerometer in Huntington's Disease. Frontiers in Neurology, 2021, 12, 719442.	1.1	15
149	The effects of dual tasking on gait synchronization during over-ground side-by-side walking. Human Movement Science, 2018, 59, 20-29.	0.6	14
150	Complexity-Based Measures of Heart Rate Dynamics in Older Adults Following Long- and Short-Term Tai Chi Training: Cross-sectional and Randomized Trial Studies. Scientific Reports, 2019, 9, 7500.	1.6	14
151	Continuous gait monitoring discriminates communityâ€dwelling mild Alzheimer's disease from cognitively normal controls. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12131.	1.8	14
152	Gait & Posture Special Issue: Gait adaptations in response to obstacle type in fallers with Parkinsonâ€™s disease. Gait and Posture, 2018, 61, 368-374.	0.6	13
153	Expanding instrumented gait testing in the community setting: A portable, depth-sensing camera captures joint motion in older adults. PLoS ONE, 2019, 14, e0215995.	1.1	13
154	What happens before the first step? A New Approach to Quantifying Gait Initiation Using a Wearable Sensor. Gait and Posture, 2020, 76, 128-135.	0.6	13
155	Walking Speed Affects Gait Coordination and Variability Among Older Adults With and Without Mobility Limitations. Archives of Physical Medicine and Rehabilitation, 2020, 101, 1377-1382.	0.5	13
156	The neural correlates of falls: Alterations in large-scale resting-state networks in elderly fallers. Gait and Posture, 2020, 80, 56-61.	0.6	13
157	Differential associations between dual-task walking abilities and usual gait patterns in healthy older adultsâ€”Results from the Baltimore Longitudinal Study of Aging. Gait and Posture, 2018, 63, 63-67.	0.6	12
158	Postural control in karate practitioners: Does practice make perfect?. Gait and Posture, 2020, 77, 218-224.	0.6	12
159	Neural Variability in the Prefrontal Cortex as a Reflection of Neural Flexibility and Stability in Patients With Parkinson Disease. Neurology, 2022, 98, .	1.5	12
160	Can a single lower trunk body-fixed sensor differentiate between level-walking and stair descent and ascent in older adults? Preliminary findings. Medical Engineering and Physics, 2016, 38, 1146-1151.	0.8	11
161	Measuring attention in very old adults using the Test of Everyday Attention. Aging, Neuropsychology, and Cognition, 2017, 24, 543-554.	0.7	11
162	Distinct cortical thickness patterns link disparate cerebral cortex regions to select mobility domains. Scientific Reports, 2021, 11, 6600.	1.6	11

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163	Protocol for the DeFOG trial: A randomized controlled trial on the effects of smartphone-based, on-demand cueing for freezing of gait in Parkinson's disease. Contemporary Clinical Trials Communications, 2021, 24, 100817.	0.5	11
164	Gait coordination impairment is associated with mobility in older adults. Experimental Gerontology, 2016, 80, 12-16.	1.2	10
165	Subthalamic Neurons Encode Both Single- and Multi-Limb Movements in Parkinsonâ€™s Disease Patients. Scientific Reports, 2017, 7, 42467.	1.6	10
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