

# CITATION REPORT

List of articles citing

## Aging, the central nervous system, and mobility

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#	Paper	IF	Citations
194	Classification of gait disturbances: distinguishing between continuous and episodic changes. <b>2013</b> , 28, 1469-73		55
193	Neuropsychological mechanisms of falls in older adults. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 64	5.3	20
192	Utilization of central nervous system resources for preparation and performance of complex walking tasks in older adults. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 217	5.3	52
191	Graph theory analysis of functional brain networks and mobility disability in older adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1399-406	6.4	18
190	The motor signature of mild cognitive impairment: results from the gait and brain study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1415-21	6.4	149
189	Relative association of processing speed, short-term memory and sustained attention with task on gait speed: a study of community-dwelling people 50 years and older. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1407-14	6.4	33
188	Examining the dynamic, bidirectional associations between cognitive and physical functioning in older adults. <b>2014</b> , 180, 838-46		31
187	Brain pathology contributes to simultaneous change in physical frailty and cognition in old age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1536-44	6.4	113
186	Regional cerebral glucose metabolism and gait speed in healthy community-dwelling older women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1519-27	6.4	28
185	Neuroimaging of mobility in aging: a targeted review. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1375-88	6.4	188
184	Aging, brain, and mobility: progresses and opportunities. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1373-4	6.4	7
183	Walking speed, processing speed, and dementia: a population-based longitudinal study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1503-10	6.4	58
182	Statins and the trajectory of cognitive decline. <i>Journal of the American Geriatrics Society</i> , <b>2014</b> , 62, 789-90	9.6	1
181	The efficiency of mesenchymal cell intracerebral transplantation for corrections of cerebral microcirculation age-related alterations in rats. <b>2014</b> , 8, 304-312		3
180	The effects of cognitive training on gait speed and stride variability in old adults: findings from a pilot study. <i>Aging Clinical and Experimental Research</i> , <b>2014</b> , 26, 635-43	4.8	10
179	Higher step length variability indicates lower gray matter integrity of selected regions in older adults. <i>Gait and Posture</i> , <b>2014</b> , 40, 225-30	2.6	44
178	Frontal Lobe Function and Risk of Hip Fracture in Patient With Alzheimer Disease: An Analysis of Linked Data. <b>2015</b> , 94, e1918		2

177	Walking speed as an aging biomarker in baboons (Papio hamadryas). <b>2015</b> , 44, 373-80		6
176	Editorial: "From brain to body: the impact of nervous system declines on muscle performance in aging". <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 66	5.3	4
175	Post-mortem brain pathology is related to declining respiratory function in community-dwelling older adults. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 197	5.3	11
174	End User Needs Elicitation for a Full-body Exoskeleton to Assist the Elderly. <b>2015</b> , 3, 1403-1409		13
173	Walking Speed: A Summary Indicator of Frailty?. <b>2015</b> , 16, 635-7		16
172	Non-pharmacological interventions for adults with mild cognitive impairment and early stage dementia: An updated scoping review. <b>2015</b> , 43-44, 38-53		112
171	Online fronto-cortical control of simple and attention-demanding locomotion in humans. <b>2015</b> , 112, 152-159		120
170	Feasibility and effects of applying stochastic resonance whole-body vibration on untrained elderly: a randomized crossover pilot study. <i>BMC Geriatrics</i> , <b>2015</b> , 15, 25	4.1	12
169	Age-associated differences in global and segmental control during dual-task walking under sub-optimal sensory conditions. <b>2015</b> , 40, 211-9		3
168	Aging, the Central Nervous System, and Mobility in Older Adults: Neural Mechanisms of Mobility Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1526-32	6.4	63
167	Successful aging: Advancing the science of physical independence in older adults. <b>2015</b> , 24, 304-27		107
166	Gait decline: the role of cerebral small vessel disease and biomarkers. <b>2015</b> , 66, 263-4		2
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161	Aging, the Central Nervous System, and Mobility in Older Adults: Interventions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1451-1458	6.4	23
160	Voluntary muscle activation improves with power training and is associated with changes in gait speed in mobility-limited older adults - A randomized controlled trial. <i>Experimental Gerontology</i> , <b>2016</b> , 80, 51-6	4.5	35

159	The Effects of Social Support on Physical Functioning in Older African Americans: Longitudinal Results from the Baltimore Study of Black Aging. <b>2016</b> , 108, 195-200		2
158	Addition of a non-immersive virtual reality component to treadmill training to reduce fall risk in older adults (V-TIME): a randomised controlled trial. <b>2016</b> , 388, 1170-82		221
157	Contributors to Poor Mobility in Older Adults: Integrating White Matter Hyperintensities and Conditions Affecting Other Systems. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1246-1251	6.4	9
156	Declines and Impairment in Executive Function Predict Onset of Physical Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1624-1630	6.4	47
155	Cerebral White Matter and Slow Gait: Contribution of Hyperintensities and Normal-appearing Parenchyma. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 968-73	6.4	42
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153	Disentangling Cognitive-Frailty: Results From the Gait and Brain Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1476-1482	6.4	99
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151	Motor Function Is Associated With Incident Disability in Older African Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 696-702	6.4	8
150	Neurological Gait Abnormalities Moderate the Functional Brain Signature of the Posture First Hypothesis. <i>Brain Topography</i> , <b>2016</b> , 29, 334-43	4.3	65
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148	Association between Various Brain Pathologies and Gait Disturbance. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2017</b> , 43, 128-143	2.6	25
147	Gait disorders in the elderly and dual task gait analysis: a new approach for identifying motor phenotypes. <b>2017</b> , 14, 7		29
146	Robotic and Sensor Technologies for Mobility in Older People. <b>2017</b> , 20, 401-410		11
145	Associations of Musculoskeletal Pain With Mobility in Older Adults: Potential Cerebral Mechanisms. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1270-1276	6.4	18
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143	Childhood Cognitive Ability and Age-Related Changes in Physical Capability From Midlife: Findings From a British Birth Cohort Study. <b>2017</b> , 79, 785-791		6
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140	fNIRS response during walking - Artefact or cortical activity? A systematic review. <b>2017</b> , 83, 160-172		86
139	Spinal Arteriosclerosis Is Common in Older Adults and Associated With Parkinsonism. <b>2017</b> , 48, 2792-2798		12
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130	Motoric Cognitive Risk Syndrome: Predictor of Dementia and Age-Related Negative Outcomes. <b>2017</b> , 4, 166		37
129	Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 17	5.3	17
128	Gait characteristics under different walking conditions: Association with the presence of cognitive impairment in community-dwelling older people. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178566	3.7	20
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125	Motor and Cognitive Trajectories Before Dementia: Results from Gait and Brain Study. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 1676-1683	5.6	53
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123	The Temporal Association Between Executive Function and Life-Space Mobility in Old Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 835-839	6.4	16
122	Differential associations between dual-task walking abilities and usual gait patterns in healthy older adults-Results from the Baltimore Longitudinal Study of Aging. <i>Gait and Posture</i> , <b>2018</b> , 63, 63-67	2.6	7
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116	Falls and associated factors among elderly persons residing in the community. <b>2018</b> , 21, 532-541		5
115	Guidelines for Gait Assessments in the Canadian Consortium on Neurodegeneration in Aging (CCNA). <b>2018</b> , 21, 157-165		26
114	Gait Analyses in Mice: Effects of Age and Glutathione Deficiency. <b>2018</b> , 9, 634-646		7
113	The effect of diabetes on prefrontal cortex activation patterns during active walking in older adults. <b>2018</b> , 125, 14-22		16
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111	Dual-Task Gait and Alzheimer's Disease Genetic Risk in Cognitively Normal Adults: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, 1137-1148	4.3	3
110	The role of gender in the association between personality and task priority in older adults' dual-tasking while walking. <i>BMC Geriatrics</i> , <b>2018</b> , 18, 1	4.1	76
109	The Combined Effect of Lower Extremity Function and Cognitive Performance on Perceived Walking Ability Among Older People: A 2-Year Follow-up Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 1568-1573	6.4	5
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106	Associations of Usual Pace and Complex Task Gait Speeds With Incident Mobility Disability. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 2072-2076	5.6	3

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103	Gait Disorders in Alzheimer's Disease and Other Dementias: There is Something in the Way You Walk. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 71, S1-S4	4.3	7
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101	Effect of age on spatial memory performance in real museum vs. computer simulation. <i>BMC Geriatrics</i> , <b>2019</b> , 19, 165	4.1	3
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99	The spatial parameters of gait and their association with falls, functional decline and death in older adults: a prospective study. <b>2019</b> , 9, 8813		16
98	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. <b>2019</b> , 16, 6		71
97	Three months of multimodal training contributes to mobility and executive function in elderly individuals with mild cognitive impairment, but not in those with Alzheimer's disease: A randomized controlled trial. <i>Maturitas</i> , <b>2019</b> , 126, 28-33	5	27
96	Complex Walking Tasks and Risk for Cognitive Decline in High Functioning Older Adults. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 71, S65-S73	4.3	22
95	Corticospinal control of normal and visually guided gait in healthy older and younger adults. <b>2019</b> , 78, 29-41		21
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90	Multimorbidity and Cognitive Decline Over 14 Years in Older Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1206-1213	6.4	36
89	The effect of cognitive function on mobility improvement among community-living older adults: A 12-week resistance exercise intervention study. <i>Aging, Neuropsychology, and Cognition</i> , <b>2020</b> , 27, 385-396	2.1	3
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86	Sarcopenia and cognitive impairment: A systematic review and meta-analysis. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 2695-2701	5.9	43
85	Co-occurrence of decrements in physical and cognitive function is common in older oncology patients receiving chemotherapy. <i>European Journal of Oncology Nursing</i> , <b>2020</b> , 48, 101823	2.8	1
84	Mobility in Older Community-Dwelling Persons: A Narrative Review. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 881	4.6	18
83	Evaluation of impact-shock on gait after the implementation of two different training programs in older adults. <i>Clinical Biomechanics</i> , <b>2020</b> , 80, 105131	2.2	1
82	Innovations in Geroscience to enhance mobility in older adults. <i>Experimental Gerontology</i> , <b>2020</b> , 142, 111123	4.5	7
81	Improving cognitive and physical function through 12-weeks of resistance training in older adults: Randomized controlled trial. <i>Journal of Sports Sciences</i> , <b>2020</b> , 38, 1936-1942	3.6	1
80	Effects of Resistance Exercise with Instability on Cognitive Function (REI Study): A Proof-Of-Concept Randomized Controlled Trial in Older Adults with Cognitive Complaints. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 77, 227-239	4.3	4
79	Fetal Bisphenol-A Induced Changes in Murine Behavior and Brain Gene Expression Persisted in Adult-aged Offspring. <i>Endocrinology</i> , <b>2020</b> , 161,	4.8	4
78	A Stepping Trail Making Test as an Indicator of Cognitive Impairment in Older Adults. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
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76	Postural Control While Walking Interferes With Spatial Learning in Older Adults Navigating in a Real Environment. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 588653	5.3	2
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74	Executive function predicts decline in mobility after a fall: The MYHAT study. <i>Experimental Gerontology</i> , <b>2020</b> , 137, 110948	4.5	4
73	Dual decline in gait speed and cognition is associated with future dementia: evidence for a phenotype. <i>Age and Ageing</i> , <b>2020</b> , 49, 995-1002	3	17
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69	Catechol-O-Methyltransferase Genotype, Frailty, and Gait Speed in a Biracial Cohort of Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 357-364	5.6	
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65	Imaging-based indices of Neuropathology and gait speed decline in older adults: the atherosclerosis risk in communities study. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2387-2396	4.1	5
64	Do cognitive performance and physical function differ between individuals with motoric cognitive risk syndrome and those with mild cognitive impairment?. <i>BMC Geriatrics</i> , <b>2021</b> , 21, 36	4.1	3
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61	Deterioration, Compensation and Motor Control Processes in Healthy Aging, Mild Cognitive Impairment and Alzheimer's Disease. <i>Geriatrics (Switzerland)</i> , <b>2021</b> , 6,	2.2	6
60	Understanding the Neurophysiological and Molecular Mechanisms of Exercise-Induced Neuroplasticity in Cortical and Descending Motor Pathways: Where Do We Stand?. <i>Neuroscience</i> , <b>2021</b> , 457, 259-282	3.9	7
59	Why Do They Fall? The Impact of Insomnia on Gait of Older Adults: A Case-Control Study. <i>Nature and Science of Sleep</i> , <b>2021</b> , 13, 329-338	3.6	3
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55	The Associations Between Grey Matter Volume Covariance Patterns and Gait Variability-The Tasmanian Study of Cognition and Gait. <i>Brain Topography</i> , <b>2021</b> , 34, 478-488	4.3	1
54	Cortical Thickness, Volume, and Surface Area in the Motoric Cognitive Risk Syndrome. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 81, 651-665	4.3	4
53	Declining energy predicts incident mobility disability and mortality risk in healthy older adults. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 3134-3141	5.6	2
52	Metabolic syndrome and the benefit of a physical activity intervention on lower-extremity function: Results from a randomized clinical trial. <i>Experimental Gerontology</i> , <b>2021</b> , 150, 111343	4.5	0

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