Magm Pijnappels

List of Publications by Year
in descending order

81 papers	3,826 citations	136950 32 h-index	138484 58 g-index
85 all docs	85 docs citations	85 times ranked	3727 citing authors

#	Article	IF	Citations
1	Construct validity and reliability of the modified gait efficacy scale for older adults. Disability and Rehabilitation, 2022, 44, 2464-2469.	1.8	5
2	Patientsâ€™ perceived walking abilities, daily-life gait behavior and gait quality before and 3Âmonths after total knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 1189-1196.	2.4	12
3	Contribution of arm movements to balance recovery after tripping in older adults. Journal of Biomechanics, 2022, 133, 110981.	2.1	6
4	Robustness of In-Laboratory and Daily-Life Gait Speed Measures over One Year in High Functioning 61- to 70-Year-Old Adults. Gerontology, 2021, 67, 650-659.	2.8	12
5	The (cost-)effectiveness of an implemented fall prevention intervention on falls and fall-related injuries among community-dwelling older adults with an increased risk of falls: protocol for the in balance randomized controlled trial. BMC Geriatrics, 2021, 21, 381.	2.7	5
6	The short- and long-term temporal relation between falls and concern about falling in older adults without a recent history of falling. PLoS ONE, 2021, 16, e0253374.	2.5	7
7	Cardiorespiratory fitness and physical activity in people who have rheumatoid arthritis at an increased risk of cardiovascular disease: a cross-sectional study. Rheumatology International, 2021, 41, 2177-2183.	3.0	6
8	Determinants of instrumented sedentary and physical activity behavior in geriatric rehabilitation inpatients: RESORT. Experimental Gerontology, 2021, 154, 111524.	2.8	5
9	Differences in Gait Stability and Acceleration Characteristics Between Healthy Young and Older Females. Frontiers in Rehabilitation Sciences, 2021, 2, .	1.2	3
10	Association between Daily-Life Gait Quality Characteristics and Physiological Fall Risk in Older People. Sensors, 2020, 20, 5580.	3.8	4
11	The influence of postural threat on strategy selection in a stepping-down paradigm. Scientific Reports, 2020, 10, 10815.	3.3	3
12	The Role of Foot-Loading Factors and Their Associations with Ulcer Development and Ulcer Healing in People with Diabetes: A Systematic Review. Journal of Clinical Medicine, 2020, 9, 3591.	2.4	17
13	The association of basic and challenging motor capacity with mobility performance and falls in young seniors. Archives of Gerontology and Geriatrics, 2020, 90, 104134.	3.0	5
14	Digital Technology to Deliver a Lifestyle-Integrated Exercise Intervention in Young Seniorsâ€”The PreventIT Feasibility Randomized Controlled Trial. Frontiers in Digital Health, 2020, 2, 10.	2.8	12
15	Distinct Trajectories of Individual Physical Performance Measures Across 9 Years in 60- to 70-Year-Old Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1951-1959.	3.6	15
16	Instrumented measures of sedentary behaviour and physical activity are associated with mortality in community-dwelling older adults: A systematic review, meta-analysis and meta-regression analysis. Ageing Research Reviews, 2020, 61, 101061.	10.9	21
17	Perturbation-based gait training to improve daily life gait stability in older adults at risk of falling: protocol for the REACT randomized controlled trial. BMC Geriatrics, 2020, 20, 167.	2.7	16
18	Development of a clinical prediction model for the onset of functional decline in people aged 65â€“75 years: pooled analysis of four European cohort studies. BMC Geriatrics, 2019, 19, 179.	2.7	24

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19	Quality of Daily-Life Gait: Novel Outcome for Trials that Focus on Balance, Mobility, and Falls. Sensors, 2019, 19, 4388.	3.8	14
20	Consistency and testâ€“retest reliability of stepping tests designed to measure self-perceived and actual physical stepping ability in older adults. Aging Clinical and Experimental Research, 2019, 31, 1765-1773.	2.9	2
21	The Adapted Lifestyle-Integrated Functional Exercise Program for Preventing Functional Decline in Young Seniors: Development and Initial Evaluation. Gerontology, 2019, 65, 362-374.	2.8	32
22	Protocol for the PreventIT feasibility randomised controlled trial of a lifestyle-integrated exercise intervention in young older adults. BMJ Open, 2019, 9, e023526.	1.9	34
23	Comparison of Standard Clinical and Instrumented Physical Performance Tests in Discriminating Functional Status of High-Functioning People Aged 61â€“70 Years Old. Sensors, 2019, 19, 449.	3.8	10
24	Does misjudgement in a stepping down paradigm predict falls in an older population?. Royal Society Open Science, 2019, 6, 190786.	2.4	1
25	Gait speed assessed by a 4-m walk test is not representative of daily-life gait speed in community-dwelling adults. Maturitas, 2019, 121, 28-34.	2.4	75
26	Self-perceived gait stability modulates the effect of daily life gait quality on prospective falls in older adults. Gait and Posture, 2018, 62, 475-479.	1.4	12
27	Predicting Trajectories of Functional Decline in 60- to 70-Year-Old People. Gerontology, 2018, 64, 212-221.	2.8	60
28	eHealth interventions to promote objectively measured physical activity in community-dwelling older people. Maturitas, 2018, 113, 32-39.	2.4	60
29	Instrumented Assessment of Physical Activity Is Associated With Muscle Function but Not With Muscle Mass in a General Population. Journal of Aging and Health, 2018, 30, 1462-1481.	1.7	18
30	Do Older Adults Select Appropriate Motor Strategies in a Stepping-Down Paradigm?. Frontiers in Physiology, 2018, 9, 1419.	2.8	6
31	Complexity of Daily Physical Activity Is More Sensitive Than Conventional Metrics to Assess Functional Change in Younger Older Adults. Sensors, 2018, 18, 2032.	3.8	18
32	Where to Step? Contributions of Stance Leg Muscle Spindle Afference to Planning of Mediolateral Foot Placement for Balance Control in Young and Old Adults. Frontiers in Physiology, 2018, 9, 1134.	2.8	48
33	Improved Prediction of Falls in Community-Dwelling Older Adults Through Phase-Dependent Entropy of Daily-Life Walking. Frontiers in Aging Neuroscience, 2018, 10, 44.	3.4	30
34	Concurrent validity and reliability of the Community Balance and Mobility scale in young-older adults. BMC Geriatrics, 2018, 18, 156.	2.7	30
35	Deep Learning to Predict Falls in Older Adults Based on Daily-Life Trunk Accelerometry. Sensors, 2018, 18, 1654.	3.8	121
36	The effect of walking speed on quality of gait in older adults. Gait and Posture, 2018, 65, 112-116.	1.4	77

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37	The association between age and accelerometry-derived types of habitual daily activity: an observational study over the adult life span in the Netherlands. BMC Public Health, 2018, 18, 824.	2.9	17
38	Assessment of maximal handgrip strength: how many attempts are needed?. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 466-474.	7.3	103
39	Balance Control in Older Adults. , 2017, , 237-262.		9
40	Behavioural activation by mental health nurses for late-life depression in primary care: a randomized controlled trial. BMC Psychiatry, 2017, 17, 230.	2.6	15
41	The degree of misjudgment between perceived and actual gait ability in older adults. Gait and Posture, 2017, 51, 275-280.	1.4	18
42	Mobile Health Applications to Promote Active and Healthy Ageing. Sensors, 2017, 17, 622.	3.8	151
43	On the validity and consistency of misjudgment of stepping ability in young and older adults. PLoS ONE, 2017, 12, e0190088.	2.5	11
44	Balanscontrole bij veroudering. , 2017, , 69-101.		0
45	Daily-Life Gait Quality as Predictor of Falls in Older People: A 1-Year Prospective Cohort Study. PLoS ONE, 2016, 11, e0158623.	2.5	126
46	Two-stage muscle activity responses in decisions about leg movement adjustments during trip recovery. Journal of Neurophysiology, 2016, 115, 143-156.	1.8	32
47	Characteristics of daily life gait in fall and non fall-prone stroke survivors and controls. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 67.	4.6	32
48	Fall-related gait characteristics on the treadmill and in daily life. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 12.	4.6	44
49	Effects of narrow base gait on mediolateral balance control in young and older adults. Journal of Biomechanics, 2016, 49, 1264-1267.	2.1	73
50	Assessing Physical Activity in Older Adults: Required Days of Trunk Accelerometer Measurements for Reliable Estimation. Journal of Aging and Physical Activity, 2015, 23, 9-17.	1.0	74
51	Ambulatory Fall-Risk Assessment: Amount and Quality of Daily-Life Gait Predict Falls in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 608-615.	3.6	199
52	Mediolateral balance and gait stability in older adults. Gait and Posture, 2015, 42, 79-84.	1.4	19
53	Effects of hip abductor muscle fatigue on gait control and hip position sense in healthy older adults. Gait and Posture, 2015, 42, 545-549.	1.4	36
54	Centre of pressure or centre of mass feedback in mediolateral balance assessment. Journal of Biomechanics, 2015, 48, 539-543.	2.1	16

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55	Identification of Fall Risk Predictors in Daily Life Measurements. Neurorehabilitation and Neural Repair, 2015, 29, 54-61.	2.9	115
56	Response inhibition and avoidance of virtual obstacles during gait in healthy young and older adults. Human Movement Science, 2015, 39, 27-40.	1.4	35
57	Reproducibility of a knee and hip proprioception test in healthy older adults. Aging Clinical and Experimental Research, 2015, 27, 171-177.	2.9	25
58	Physical Performance and Physical Activity in Older Adults: Associated but Separate Domains of Physical Function in Old Age. PLoS ONE, 2015, 10, e0144048.	2.5	103
59	Do Extreme Values of Daily-Life Gait Characteristics Provide More Information About Fall Risk Than Median Values?. JMIR Research Protocols, 2015, 4, e4.	1.0	46
60	Fast online corrections of tripping responses. Experimental Brain Research, 2014, 232, 3579-3590.	1.5	35
61	Response inhibition during avoidance of virtual obstacles while walking. Gait and Posture, 2014, 39, 641-644.	1.4	32
62	Toward ambulatory balance assessment: Estimating variability and stability from short bouts of gait. Gait and Posture, 2014, 39, 695-699.	1.4	42
63	Consistency of gait characteristics as determined from acceleration data collected at different trunk locations. Gait and Posture, 2014, 40, 187-192.	1.4	73
64	A benchmark test of accuracy and precision in estimating dynamical systems characteristics from a time series. Journal of Biomechanics, 2014, 47, 470-475.	2.1	25
65	Age Effects on Mediolateral Balance Control. PLoS ONE, 2014, 9, e110757.	2.5	45
66	Estimating fall risk with inertial sensors using gait stability measures that do not require step detection. Gait and Posture, 2013, 38, 170-174.	1.4	130
67	Assessing gait stability: The influence of state space reconstruction on inter- and intra-day reliability of local dynamic stability during over-ground walking. Journal of Biomechanics, 2013, 46, 137-141.	2.1	147
68	Frequency domain mediolateral balance assessment using a center of pressure tracking task. Journal of Biomechanics, 2013, 46, 2831-2836.	2.1	27
69	Sensitivity of trunk variability and stability measures to balance impairments induced by galvanic vestibular stimulation during gait. Gait and Posture, 2011, 33, 656-660.	1.4	77
70	Sensitivity of Local Dynamic Stability of Over-Ground Walking to Balance Impairment Due to Galvanic Vestibular Stimulation. Annals of Biomedical Engineering, 2011, 39, 1563-1569.	2.5	41
71	Armed against falls: the contribution of arm movements to balance recovery after tripping. Experimental Brain Research, 2010, 201, 689-699.	1.5	130
72	Effects of conflicting constraints and age on strategy choice in stepping down during gait. Gait and Posture, 2009, 29, 343-345.	1.4	17

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73	Mechanics of toe and heel landing in stepping down in ongoing gait. Journal of Biomechanics, 2008, 41, 2417-2421.	2.1	36
74	Falls in older people. Journal of Electromyography and Kinesiology, 2008, 18, 169-171.	1.7	18
75	Balance control in stepping down expected and unexpected level changes. Journal of Biomechanics, 2007, 40, 3641-3649.	2.1	49
76	EMG modulation in anticipation of a possible trip during walking in young and older adults. Journal of Electromyography and Kinesiology, 2006, 16, 137-143.	1.7	28
77	Age-related intrinsic limitations in preventing a trip and regaining balance after a trip. Safety Science, 2005, 43, 437-453.	4.9	87
78	Control of support limb muscles in recovery after tripping in young and older subjects. Experimental Brain Research, 2005, 160, 326-333.	1.5	126
79	Push-off reactions in recovery after tripping discriminate young subjects, older non-fallers and older fallers. Gait and Posture, 2005, 21, 388-394.	1.4	251
80	Contribution of the support limb in control of angular momentum after tripping. Journal of Biomechanics, 2004, 37, 1811-1818.	2.1	166
81	Changes in walking pattern caused by the possibility of a tripping reaction. Gait and Posture, 2001, 14, 11-18.	1.4	118