

# Magm Pijnappels

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1636876/publications.pdf>

Version: 2024-02-01

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	Push-off reactions in recovery after tripping discriminate young subjects, older non-fallers and older fallers. <i>Gait and Posture</i> , 2005, 21, 388-394.	1.4	251
2	Ambulatory Fall-Risk Assessment: Amount and Quality of Daily-Life Gait Predict Falls in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 608-615.	3.6	199
3	Contribution of the support limb in control of angular momentum after tripping. <i>Journal of Biomechanics</i> , 2004, 37, 1811-1818.	2.1	166
4	Mobile Health Applications to Promote Active and Healthy Ageing. <i>Sensors</i> , 2017, 17, 622.	3.8	151
5	Assessing gait stability: The influence of state space reconstruction on inter- and intra-day reliability of local dynamic stability during over-ground walking. <i>Journal of Biomechanics</i> , 2013, 46, 137-141.	2.1	147
6	Armed against falls: the contribution of arm movements to balance recovery after tripping. <i>Experimental Brain Research</i> , 2010, 201, 689-699.	1.5	130
7	Estimating fall risk with inertial sensors using gait stability measures that do not require step detection. <i>Gait and Posture</i> , 2013, 38, 170-174.	1.4	130
8	Control of support limb muscles in recovery after tripping in young and older subjects. <i>Experimental Brain Research</i> , 2005, 160, 326-333.	1.5	126
9	Daily-Life Gait Quality as Predictor of Falls in Older People: A 1-Year Prospective Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0158623.	2.5	126
10	Deep Learning to Predict Falls in Older Adults Based on Daily-Life Trunk Accelerometry. <i>Sensors</i> , 2018, 18, 1654.	3.8	121
11	Changes in walking pattern caused by the possibility of a tripping reaction. <i>Gait and Posture</i> , 2001, 14, 11-18.	1.4	118
12	Identification of Fall Risk Predictors in Daily Life Measurements. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 54-61.	2.9	115
13	Assessment of maximal handgrip strength: how many attempts are needed?. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 466-474.	7.3	103
14	Physical Performance and Physical Activity in Older Adults: Associated but Separate Domains of Physical Function in Old Age. <i>PLoS ONE</i> , 2015, 10, e0144048.	2.5	103
15	Age-related intrinsic limitations in preventing a trip and regaining balance after a trip. <i>Safety Science</i> , 2005, 43, 437-453.	4.9	87
16	Sensitivity of trunk variability and stability measures to balance impairments induced by galvanic vestibular stimulation during gait. <i>Gait and Posture</i> , 2011, 33, 656-660.	1.4	77
17	The effect of walking speed on quality of gait in older adults. <i>Gait and Posture</i> , 2018, 65, 112-116.	1.4	77
18	Gait speed assessed by a 4-m walk test is not representative of daily-life gait speed in community-dwelling adults. <i>Maturitas</i> , 2019, 121, 28-34.	2.4	75

#	ARTICLE	IF	CITATIONS
19	Assessing Physical Activity in Older Adults: Required Days of Trunk Accelerometer Measurements for Reliable Estimation. <i>Journal of Aging and Physical Activity</i> , 2015, 23, 9-17.	1.0	74
20	Consistency of gait characteristics as determined from acceleration data collected at different trunk locations. <i>Gait and Posture</i> , 2014, 40, 187-192.	1.4	73
21	Effects of narrow base gait on mediolateral balance control in young and older adults. <i>Journal of Biomechanics</i> , 2016, 49, 1264-1267.	2.1	73
22	Predicting Trajectories of Functional Decline in 60- to 70-Year-Old People. <i>Gerontology</i> , 2018, 64, 212-221.	2.8	60
23	eHealth interventions to promote objectively measured physical activity in community-dwelling older people. <i>Maturitas</i> , 2018, 113, 32-39.	2.4	60
24	Balance control in stepping down expected and unexpected level changes. <i>Journal of Biomechanics</i> , 2007, 40, 3641-3649.	2.1	49
25	Where to Step? Contributions of Stance Leg Muscle Spindle Afference to Planning of Mediolateral Foot Placement for Balance Control in Young and Old Adults. <i>Frontiers in Physiology</i> , 2018, 9, 1134.	2.8	48
26	Do Extreme Values of Daily-Life Gait Characteristics Provide More Information About Fall Risk Than Median Values?. <i>JMIR Research Protocols</i> , 2015, 4, e4.	1.0	46
27	Age Effects on Mediolateral Balance Control. <i>PLoS ONE</i> , 2014, 9, e110757.	2.5	45
28	Fall-related gait characteristics on the treadmill and in daily life. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 12.	4.6	44
29	Toward ambulatory balance assessment: Estimating variability and stability from short bouts of gait. <i>Gait and Posture</i> , 2014, 39, 695-699.	1.4	42
30	Sensitivity of Local Dynamic Stability of Over-Ground Walking to Balance Impairment Due to Galvanic Vestibular Stimulation. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1563-1569.	2.5	41
31	Mechanics of toe and heel landing in stepping down in ongoing gait. <i>Journal of Biomechanics</i> , 2008, 41, 2417-2421.	2.1	36
32	Effects of hip abductor muscle fatigue on gait control and hip position sense in healthy older adults. <i>Gait and Posture</i> , 2015, 42, 545-549.	1.4	36
33	Fast online corrections of tripping responses. <i>Experimental Brain Research</i> , 2014, 232, 3579-3590.	1.5	35
34	Response inhibition and avoidance of virtual obstacles during gait in healthy young and older adults. <i>Human Movement Science</i> , 2015, 39, 27-40.	1.4	35
35	Protocol for the PreventIT feasibility randomised controlled trial of a lifestyle-integrated exercise intervention in young older adults. <i>BMJ Open</i> , 2019, 9, e023526.	1.9	34
36	Response inhibition during avoidance of virtual obstacles while walking. <i>Gait and Posture</i> , 2014, 39, 641-644.	1.4	32

#	ARTICLE	IF	CITATIONS
37	Two-stage muscle activity responses in decisions about leg movement adjustments during trip recovery. <i>Journal of Neurophysiology</i> , 2016, 115, 143-156.	1.8	32
38	Characteristics of daily life gait in fall and non fall-prone stroke survivors and controls. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 67.	4.6	32
39	The Adapted Lifestyle-Integrated Functional Exercise Program for Preventing Functional Decline in Young Seniors: Development and Initial Evaluation. <i>Gerontology</i> , 2019, 65, 362-374.	2.8	32
40	Improved Prediction of Falls in Community-Dwelling Older Adults Through Phase-Dependent Entropy of Daily-Life Walking. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 44.	3.4	30
41	Concurrent validity and reliability of the Community Balance and Mobility scale in young-older adults. <i>BMC Geriatrics</i> , 2018, 18, 156.	2.7	30
42	EMG modulation in anticipation of a possible trip during walking in young and older adults. <i>Journal of Electromyography and Kinesiology</i> , 2006, 16, 137-143.	1.7	28
43	Frequency domain mediolateral balance assessment using a center of pressure tracking task. <i>Journal of Biomechanics</i> , 2013, 46, 2831-2836.	2.1	27
44	A benchmark test of accuracy and precision in estimating dynamical systems characteristics from a time series. <i>Journal of Biomechanics</i> , 2014, 47, 470-475.	2.1	25
45	Reproducibility of a knee and hip proprioception test in healthy older adults. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 171-177.	2.9	25
46	Development of a clinical prediction model for the onset of functional decline in people aged 65-75 years: pooled analysis of four European cohort studies. <i>BMC Geriatrics</i> , 2019, 19, 179.	2.7	24
47	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. <i>Ageing Research Reviews</i> , 2020, 61, 101061.	10.9	21
48	Mediolateral balance and gait stability in older adults. <i>Gait and Posture</i> , 2015, 42, 79-84.	1.4	19
49	Falls in older people. <i>Journal of Electromyography and Kinesiology</i> , 2008, 18, 169-171.	1.7	18
50	The degree of misjudgment between perceived and actual gait ability in older adults. <i>Gait and Posture</i> , 2017, 51, 275-280.	1.4	18
51	Instrumented Assessment of Physical Activity Is Associated With Muscle Function but Not With Muscle Mass in a General Population. <i>Journal of Aging and Health</i> , 2018, 30, 1462-1481.	1.7	18
52	Complexity of Daily Physical Activity Is More Sensitive Than Conventional Metrics to Assess Functional Change in Younger Older Adults. <i>Sensors</i> , 2018, 18, 2032.	3.8	18
53	Effects of conflicting constraints and age on strategy choice in stepping down during gait. <i>Gait and Posture</i> , 2009, 29, 343-345.	1.4	17
54	The association between age and accelerometry-derived types of habitual daily activity: an observational study over the adult life span in the Netherlands. <i>BMC Public Health</i> , 2018, 18, 824.	2.9	17

#	ARTICLE	IF	CITATIONS
55	The Role of Foot-Loading Factors and Their Associations with Ulcer Development and Ulcer Healing in People with Diabetes: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 3591.	2.4	17
56	Centre of pressure or centre of mass feedback in mediolateral balance assessment. <i>Journal of Biomechanics</i> , 2015, 48, 539-543.	2.1	16
57	Perturbation-based gait training to improve daily life gait stability in older adults at risk of falling: protocol for the REACT randomized controlled trial. <i>BMC Geriatrics</i> , 2020, 20, 167.	2.7	16
58	Behavioural activation by mental health nurses for late-life depression in primary care: a randomized controlled trial. <i>BMC Psychiatry</i> , 2017, 17, 230.	2.6	15
59	Distinct Trajectories of Individual Physical Performance Measures Across 9 Years in 60- to 70-Year-Old Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1951-1959.	3.6	15
60	Quality of Daily-Life Gait: Novel Outcome for Trials that Focus on Balance, Mobility, and Falls. <i>Sensors</i> , 2019, 19, 4388.	3.8	14
61	Self-perceived gait stability modulates the effect of daily life gait quality on prospective falls in older adults. <i>Gait and Posture</i> , 2018, 62, 475-479.	1.4	12
62	Digital Technology to Deliver a Lifestyle-Integrated Exercise Intervention in Young Seniorsâ€”The PreventIT Feasibility Randomized Controlled Trial. <i>Frontiers in Digital Health</i> , 2020, 2, 10.	2.8	12
63	Robustness of In-Laboratory and Daily-Life Gait Speed Measures over One Year in High Functioning 61- to 70-Year-Old Adults. <i>Gerontology</i> , 2021, 67, 650-659.	2.8	12
64	Patientsâ€™ perceived walking abilities, daily-life gait behavior and gait quality before and 3Â½ months after total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1189-1196.	2.4	12
65	On the validity and consistency of misjudgment of stepping ability in young and older adults. <i>PLoS ONE</i> , 2017, 12, e0190088.	2.5	11
66	Comparison of Standard Clinical and Instrumented Physical Performance Tests in Discriminating Functional Status of High-Functioning People Aged 61â€“70 Years Old. <i>Sensors</i> , 2019, 19, 449.	3.8	10
67	Balance Control in Older Adults. , 2017, , 237-262.		9
68	The short- and long-term temporal relation between falls and concern about falling in older adults without a recent history of falling. <i>PLoS ONE</i> , 2021, 16, e0253374.	2.5	7
69	Do Older Adults Select Appropriate Motor Strategies in a Stepping-Down Paradigm?. <i>Frontiers in Physiology</i> , 2018, 9, 1419.	2.8	6
70	Cardiorespiratory fitness and physical activity in people who have rheumatoid arthritis at an increased risk of cardiovascular disease: a cross-sectional study. <i>Rheumatology International</i> , 2021, 41, 2177-2183.	3.0	6
71	Contribution of arm movements to balance recovery after tripping in older adults. <i>Journal of Biomechanics</i> , 2022, 133, 110981.	2.1	6
72	The association of basic and challenging motor capacity with mobility performance and falls in young seniors. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104134.	3.0	5

#	ARTICLE	IF	CITATIONS
73	Construct validity and reliability of the modified gait efficacy scale for older adults. Disability and Rehabilitation, 2022, 44, 2464-2469.	1.8	5
74	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
75	Determinants of instrumented sedentary and physical activity behavior in geriatric rehabilitation inpatients: RESORT. Experimental Gerontology, 2021, 154, 111524.	2.8	5
76	Association between Daily-Life Gait Quality Characteristics and Physiological Fall Risk in Older People. Sensors, 2020, 20, 5580.	3.8	4
77	The influence of postural threat on strategy selection in a stepping-down paradigm. Scientific Reports, 2020, 10, 10815.	3.3	3
78	Differences in Gait Stability and Acceleration Characteristics Between Healthy Young and Older Females. Frontiers in Rehabilitation Sciences, 2021, 2, .	1.2	3
79	Consistency and test-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
80	Does misjudgement in a stepping down paradigm predict falls in an older population?. Royal Society Open Science, 2019, 6, 190786.	2.4	1
81	Balanscontrole bij veroudering. , 2017, , 69-101.		0