

# Maria Hagstromer

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

7,863  
citations

117625

34  
h-index

53230

85  
g-index

108  
all docs

108  
docs citations

108  
times ranked

11313  
citing authors

#	ARTICLE	IF	CITATIONS
1	The International Physical Activity Questionnaire (IPAQ): a study of concurrent and construct validity. <i>Public Health Nutrition</i> , 2006, 9, 755-762.	2.2	1,340
2	Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 366, l4570.	2.3	856
3	The International Prevalence Study on Physical Activity: results from 20 countries. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2009, 6, 21.	4.6	653
4	Best Practices for Using Physical Activity Monitors in Population-Based Research. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, S68-S76.	0.4	515
5	The Descriptive Epidemiology of Sitting. <i>American Journal of Preventive Medicine</i> , 2011, 41, 228-235.	3.0	477
6	Physical Activity and Inactivity in an Adult Population Assessed by Accelerometry. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1502-1508.	0.4	324
7	Levels and Patterns of Objectively Assessed Physical Activity--A Comparison Between Sweden and the United States. <i>American Journal of Epidemiology</i> , 2010, 171, 1055-1064.	3.4	235
8	Comparison of a Subjective and an Objective Measure of Physical Activity in a Population Sample. <i>Journal of Physical Activity and Health</i> , 2010, 7, 541-550.	2.0	187
9	The International Physical Activity Questionnaire modified for the elderly: aspects of validity and feasibility. <i>Public Health Nutrition</i> , 2010, 13, 1847-1854.	2.2	169
10	International Physical Activity Questionnaire: Reliability and validity in a Spanish population. <i>European Journal of Sport Science</i> , 2010, 10, 297-304.	2.7	166
11	Joint associations of accelerometer-measured physical activity and sedentary time with all-cause mortality: a harmonised meta-analysis in more than 44 000 middle-aged and older individuals. <i>British Journal of Sports Medicine</i> , 2020, 54, 1499-1506.	6.7	161
12	The Effects of Highly Challenging Balance Training in Elderly With Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 827-836.	2.9	158
13	Patterns in sedentary and exercise behaviors and associations with overweight in 9-14-year-old boys and girls - a cross-sectional study.. <i>BMC Public Health</i> , 2007, 7, 16.	2.9	142
14	Progress and Pitfalls in the Use of the International Physical Activity Questionnaire (IPAQ) for Adult Physical Activity Surveillance. <i>Journal of Physical Activity and Health</i> , 2009, 6, S5-S8.	2.0	138
15	Sedentary Time and Physical Activity Surveillance Through Accelerometer Pooling in Four European Countries. <i>Sports Medicine</i> , 2017, 47, 1421-1435.	6.5	117
16	Levels and Patterns of Physical Activity and Sedentary Behavior in Elderly People With Mild to Moderate Parkinson Disease. <i>Physical Therapy</i> , 2015, 95, 1135-1141.	2.4	102
17	Adherence to physical activity recommendations and the influence of socio-demographic correlates in a population-based cross-sectional study. <i>BMC Public Health</i> , 2008, 8, 367.	2.9	100
18	Comparison of the IPAQ-A and Actigraph in relation to VO2max among European adolescents: The HELENA study. <i>Journal of Science and Medicine in Sport</i> , 2011, 14, 317-324.	1.3	98

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19	A multi-component universal intervention to improve diet and physical activity among adults with intellectual disabilities in community residences: A cluster randomised controlled trial. <i>Research in Developmental Disabilities</i> , 2013, 34, 3847-3857.	2.2	97
20	Validity of self-reported total physical activity questionnaire among older women. <i>European Journal of Epidemiology</i> , 2008, 23, 661-667.	5.7	86
21	Validation of the PDPAR as an Adolescent Diary: Effect of Accelerometer Cut Points. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1224-1230.	0.4	85
22	Replacing sedentary time with physical activity: a 15-year follow-up of mortality in a national cohort. <i>Clinical Epidemiology</i> , 2018, Volume 10, 179-186.	3.0	80
23	The repeatability and validity of questionnaires assessing occupational physical activity – a systematic review. <i>Scandinavian Journal of Work, Environment and Health</i> , 2011, 37, 6-29.	3.4	75
24	Eight Investments That Work for Physical Activity. <i>Journal of Physical Activity and Health</i> , 2021, 18, 625-630.	2.0	71
25	Accelerometer-measured sedentary time and physical activity – A 15 year follow-up of mortality in a Swedish population-based cohort. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 702-707.	1.3	63
26	Validity of two physical activity questionnaires (IPAQ and PAQA) for Vietnamese adolescents in rural and urban areas. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008, 5, 37.	4.6	59
27	A 6 year longitudinal study of accelerometer-measured physical activity and sedentary time in Swedish adults. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 553-557.	1.3	54
28	Examining differences in physical activity levels by employment status and/or job activity level: Gender-specific comparisons between the United States and Sweden. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 482-487.	1.3	54
29	A novel conceptual framework for balance training in Parkinson’s disease-study protocol for a randomised controlled trial. <i>BMC Neurology</i> , 2012, 12, 111.	1.8	48
30	Promoting a healthy diet and physical activity in adults with intellectual disabilities living in community residences: Design and evaluation of a cluster-randomized intervention. <i>BMC Public Health</i> , 2010, 10, 761.	2.9	45
31	A randomised controlled trial for overweight and obese parents to prevent childhood obesity - Early STOPP (STockholm Obesity Prevention Program). <i>BMC Public Health</i> , 2011, 11, 336.	2.9	41
32	Objectively measured physical activity in two-year-old children – levels, patterns and correlates. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 3.	4.6	41
33	Physical activity promotion in the primary care setting in pre- and type 2 diabetes - the Sophia step study, an RCT. <i>BMC Public Health</i> , 2015, 15, 647.	2.9	38
34	Calibration and Validation of a Wrist- and Hip-Worn Actigraph Accelerometer in 4-Year-Old Children. <i>PLoS ONE</i> , 2016, 11, e0162436.	2.5	38
35	Exercise-Induced Neuroplasticity in Parkinson’s Disease: A Metasynthesis of the Literature. <i>Neural Plasticity</i> , 2020, 2020, 1-15.	2.2	35
36	Accelerometer Cut Points for Physical Activity Assessment of Older Adults with Parkinson’s Disease. <i>PLoS ONE</i> , 2015, 10, e0135899.	2.5	33

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37	Comparison of two accelerometer filter settings in individuals with Parkinson's disease. <i>Physiological Measurement</i> , 2014, 35, 2287-2296.	2.1	32
38	Physical activity self-reports: past or future?. <i>British Journal of Sports Medicine</i> , 2021, 55, 889-890.	6.7	30
39	Associations of season and region on objectively assessed physical activity and sedentary behaviour. <i>Journal of Sports Sciences</i> , 2014, 32, 629-634.	2.0	29
40	Association between physical activity and all-cause mortality: A 15-year follow-up using a compositional data analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 100-107.	2.9	28
41	Accelerometry-assessed physical activity and sedentary time and associations with chronic disease and hospital visits - a prospective cohort study with 15% years follow-up. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 125.	4.6	26
42	More Physically Active and Leaner Adolescents Have Higher Energy Intake. <i>Journal of Pediatrics</i> , 2014, 164, 159-166.e2.	1.8	25
43	The EXPANd trial: effects of exercise and exploring neuroplastic changes in people with Parkinson's disease: a study protocol for a double-blinded randomized controlled trial. <i>BMC Neurology</i> , 2019, 19, 280.	1.8	25
44	Participation in organized weekly physical exercise in obese adolescents reduced daily physical activity. <i>Acta Paediatrica</i> , <i>International Journal of Paediatrics</i> , 2009, 98, 352-354.	1.5	24
45	Long-term effects of highly challenging balance training in Parkinson's disease—a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2018, 32, 026921551878433.	2.2	24
46	Congestion Road Tax and Physical Activity. <i>American Journal of Preventive Medicine</i> , 2010, 38, 171-177.	3.0	23
47	Monitoring training activity during gait-related balance exercise in individuals with Parkinson's disease: a proof-of-concept-study. <i>BMC Neurology</i> , 2017, 17, 19.	1.8	22
48	Can differences in physical activity by socio-economic status in European adolescents be explained by differences in psychosocial correlates? A mediation analysis within the HELENA (Healthy Lifestyle in) Tj ETQq 0 0 0 rgt /Overlook 10 Tf 5		
49	Depressive symptoms associated with concerns about falling in Parkinson's disease. <i>Brain and Behavior</i> , 2016, 6, e00524.	2.2	21
50	Factors Associated With Responsiveness to Gait and Balance Training in People With Parkinson Disease. <i>Journal of Neurologic Physical Therapy</i> , 2019, 43, 42-49.	1.4	21
51	Outcome Evaluation of Highly Challenging Balance Training for People With Parkinson Disease: A Multicenter Effectiveness-Implementation Study. <i>Journal of Neurologic Physical Therapy</i> , 2020, 44, 15-22.	1.4	21
52	The international prevalence study (IPS): health-enhancing physical activity in Sweden. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2006, 14, 301-308.	1.6	20
53	Pushing the Limits: Rethinking Motor and Cognitive Resources After a Highly Challenging Balance Training Program for Parkinson Disease. <i>Physical Therapy</i> , 2017, 97, 81-89.	2.4	20
54	The Effects of Physical Activity on Prescription in Persons With Transient Ischemic Attack: A Randomized Controlled Study. <i>Journal of Neurologic Physical Therapy</i> , 2016, 40, 176-183.	1.4	19

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55	Objectively measured mobilisation is enhanced by a new behaviour support tool in patients undergoing abdominal cancer surgery. <i>European Journal of Surgical Oncology</i> , 2019, 45, 1847-1853.	1.0	19
56	Evaluation and implementation of highly challenging balance training in clinical practice for people with Parkinson's disease: protocol for the HiBalance effectiveness-implementation trial. <i>BMC Neurology</i> , 2017, 17, 27.	1.8	18
57	Does a dynamic chair increase office workers' movements? – Results from a combined laboratory and field study. <i>Applied Ergonomics</i> , 2017, 60, 1-11.	3.1	18
58	Patients with severe low back pain exhibit a low level of physical activity before lumbar fusion surgery: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 365.	1.9	18
59	Validity of Hip and Ankle Worn Actigraph Accelerometers for Measuring Steps as a Function of Gait Speed during Steady State Walking and Continuous Turning. <i>Sensors</i> , 2021, 21, 3154.	3.8	18
60	Physical Activity and Perceived Health in People With Parkinson Disease During the First Wave of Covid-19 Pandemic: A Cross-sectional Study From Sweden. <i>Journal of Neurologic Physical Therapy</i> , 2021, 45, 266-272.	1.4	18
61	Physical activity in young children and their parents – An Early STOPP Sweden – China comparison study. <i>Scientific Reports</i> , 2016, 6, 29595.	3.3	17
62	Wrist-Worn Activity Trackers in Laboratory and Free-Living Settings for Patients With Chronic Pain: Criterion Validity Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24806.	3.7	16
63	Self-efficacy, stages of change and physical activity in Irish college students. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2006, 14, 81-86.	1.6	15
64	Effect of a primary health-care-based controlled trial for cardiorespiratory fitness in refugee women. <i>BMC Family Practice</i> , 2010, 11, 55.	2.9	15
65	Latent profile analysis of physical activity and sedentary behavior with mortality risk: A 15-year follow-up. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1949-1956.	2.9	14
66	Feasibility Aspects of Exploring Exercise-Induced Neuroplasticity in Parkinson's Disease: A Pilot Randomized Controlled Trial. <i>Parkinson's Disease</i> , 2020, 2020, 1-12.	1.1	13
67	Effects of a three-armed randomised controlled trial using self-monitoring of daily steps with and without counselling in prediabetes and type 2 diabetes – the Sophia Step Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 121.	4.6	13
68	Associations Between Health-Enhancing Physical Activity and Country of Birth Among Women. <i>Journal of Physical Activity and Health</i> , 2010, 7, 613-621.	2.0	12
69	Amino acids intake and physical fitness among adolescents. <i>Amino Acids</i> , 2017, 49, 1041-1052.	2.7	12
70	Reallocating bouted sedentary time to non-bouted sedentary time, light activity and moderate-vigorous physical activity in adults with prediabetes and type 2 diabetes. <i>PLoS ONE</i> , 2017, 12, e0181053.	2.5	12
71	Associations of physical activity and sedentary behavior with cardiometabolic biomarkers in prediabetes and type 2 diabetes: a compositional data analysis. <i>Physician and Sportsmedicine</i> , 2020, 48, 222-228.	2.1	12
72	Behavioural and neuroplastic effects of a double-blind randomised controlled balance exercise trial in people with Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2022, 8, 12.	5.3	12

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73	Associations between 24 h Movement Behavior and Mental Health in Office Workers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6214.	2.6	11
74	Understanding and interpreting the concept of physical activity – a focus group study among Swedish women. <i>Scandinavian Journal of Public Health</i> , 2009, 37, 20-27.	2.3	10
75	Donor-site-related functional problems following anterior cruciate ligament reconstruction: development of a self-administered questionnaire. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1611-1621.	4.2	10
76	Detecting prolonged sitting bouts with the ActiGraph GT3X. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 572-582.	2.9	10
77	A dropout analysis of the second phase of the Swedish part of the European Youth Heart Study. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2006, 14, 261-268.	1.6	9
78	Comparison of Pedometer and Accelerometer Derived Steps in Older Individuals With Parkinson's Disease or Osteoporosis Under Free-Living Conditions. <i>Journal of Aging and Physical Activity</i> , 2014, 22, 550-556.	1.0	9
79	No one accelerometer-based physical activity data collection protocol can fit all research questions. <i>BMC Medical Research Methodology</i> , 2020, 20, 141.	3.1	9
80	Concurrent and discriminant validity of ActiGraph waist and wrist cut-points to measure sedentary behaviour, activity level, and posture in office work. <i>BMC Public Health</i> , 2021, 21, 345.	2.9	9
81	The importance of physical activity and health for physical therapy. <i>Physical Therapy Reviews</i> , 2017, 22, 116-123.	0.8	8
82	Long-Term Effects of Balance Training on Habitual Physical Activity in Older Adults with Parkinson's Disease. <i>Parkinson's Disease</i> , 2019, 2019, 1-9.	1.1	8
83	Controlling the Uncontrollable: Perceptions of Balance in People With Parkinson Disease. <i>Physical Therapy</i> , 2019, 99, 1501-1510.	2.4	8
84	Physical activity in early childhood: a five-year longitudinal analysis of patterns and correlates. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 47.	4.6	8
85	Is Sitting Always Inactive and Standing Always Active? A Simultaneous Free-Living activPal and ActiGraph Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8864.	2.6	7
86	Process evaluation of the Sophia Step Study- a primary care based three-armed randomized controlled trial using self-monitoring of steps with and without counseling in prediabetes and type 2 diabetes. <i>BMC Public Health</i> , 2021, 21, 1191.	2.9	7
87	Predictors of validity and reliability of a physical activity record in adolescents. <i>BMC Public Health</i> , 2013, 13, 1109.	2.9	6
88	User Perceptions of eHealth and mHealth Services Promoting Physical Activity and Healthy Diets: Systematic Review. <i>JMIR Human Factors</i> , 2022, 9, e34278.	2.0	6
89	Measuring Sedentary Behavior by Means of Muscular Activity and Accelerometry. <i>Sensors</i> , 2018, 18, 4010.	3.8	5
90	The CanMoRe trial – evaluating the effects of an exercise intervention after robotic-assisted radical cystectomy for urinary bladder cancer: the study protocol of a randomised controlled trial. <i>BMC Cancer</i> , 2020, 20, 805.	2.6	5

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91	Excellent Self-Rated Health Associated With Activities of Higher Intensities: A Compositional Data Analysis Approach. <i>Journal of Physical Activity and Health</i> , 2019, 16, 1007-1013.	2.0	5
92	Accelerometer assessed upper limb activity in people with stroke: a validation study considering ambulatory and non-ambulatory activities. <i>Disability and Rehabilitation</i> , 2022, 44, 8463-8470.	1.8	5
93	Physical Activity Levels in Chinese One-Year-Old Children and Their Parents, an Early STOPP China Study. <i>PLoS ONE</i> , 2016, 11, e0153605.	2.5	4
94	Physical Activity and Plasma Glucose Control among Diabetic Patients Attending Outpatients Clinics in Hanoi, Vietnam. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1182.	2.6	4
95	Assessment by portfolio in a physiotherapy programme. <i>Advances in Physiotherapy</i> , 2012, 14, 38-46.	0.2	3
96	Patterns and correlates of objectively measured physical activity in 3-year-old children. <i>BMC Pediatrics</i> , 2020, 20, 209.	1.7	3
97	“This is why I’m doing a lot of exercise” a qualitative study of participant’s experiences of the Sophia Step Study. <i>International Diabetes Nursing</i> , 2017, 14, 99-104.	0.1	2
98	Where to Place Which Sensor to Measure Sedentary Behavior? A Method Development and Comparison Among Various Sensor Placements and Signal Types. <i>Journal for the Measurement of Physical Behaviour</i> , 2020, 3, 274-284.	0.8	2
99	Self-Reported and Device-Measured Physical Activity in Leisure Time and at Work and Associations with Cardiovascular Events—A Prospective Study of the Physical Activity Paradox. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12214.	2.6	2
100	How Accurate and Precise Can We Measure the Posture and the Energy Expenditure Component of Sedentary Behaviour with One Sensor?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5782.	2.6	1
101	“Like I said, I would not have likely gotten up otherwise:” patient experiences of using an Activity Board after abdominal cancer surgery. <i>Disability and Rehabilitation</i> , 2022, , 1-8.	1.8	1
102	Physical Activity Patterns among Individuals with Prediabetes or Type 2 Diabetes across Two Years—A Longitudinal Latent Class Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3667.	2.6	1
103	Effectiveness of the eVISualisation of physical activity and pain intervention (eVIS) in Swedish Interdisciplinary Pain Rehabilitation Programmes: study protocol for a registry-based randomised controlled clinical trial. <i>BMJ Open</i> , 2022, 12, e055071.	1.9	1
104	Moving forward: a reflection on 20 years as a physiotherapist “ editorial. <i>European Journal of Physiotherapy</i> , 2017, 19, 117-118.	1.3	0
105	Comparison of MTI Accelerometer Cut-Points and a Physical Activity Log Among Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S197-S198.	0.4	0