Katrien Wijndaele

List of Publications by Year
in descending order

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95 papers	8,062 citations	66250 44 h-index	58552 86 g-index

105 all docs	105 docs citations	105 times ranked	10725 citing authors

#	Article	IF	Citations
1	Joint associations between objectively measured physical activity volume and intensity with body fatness: the Fenland study. International Journal of Obesity, 2022, 46, 169-177.	1.6	9
2	Population level physical activity before and during the first national COVID-19 lockdown: A nationally representative repeat cross-sectional study of 5 years of Active Lives data in England. Lancet Regional Health - Europe, The, 2022, 12, 100265.	3.0	44
3	Considerations for the Use of Consumer-Grade Wearables and Smartphones in Population Surveillance of Physical Activity. Journal for the Measurement of Physical Behaviour, 2022, 5, 8-14.	0.5	7
4	Physical activity intensity profiles associated with cardiometabolic risk in middle-aged to older men and women. Preventive Medicine, 2022, 156, 106977.	1.6	4
5	School-related sedentary behaviours and indicators of health and well-being among children and youth: a systematic review. International Journal of Behavioral Nutrition and Physical Activity, 2022, 19, 40.	2.0	16
6	International school-related sedentary behaviour recommendations for children and youth. International Journal of Behavioral Nutrition and Physical Activity, 2022, 19, 39.	2.0	22
7	Device-measured physical activity, adiposity and mortality: a harmonised meta-analysis of eight prospective cohort studies. British Journal of Sports Medicine, 2022, 56, 725-732.	3.1	12
8	Association of Accelerometerâ€Measured Sedentary Accumulation Patterns With Incident Cardiovascular Disease, Cancer, and Allâ€Cause Mortality. Journal of the American Heart Association, 2022, 11, e023845.	1.6	14
9	Genetic susceptibility, screen-based sedentary activities and incidence of coronary heart disease. BMC Medicine, 2022, 20, .	2.3	9
10	Is occupational physical activity associated with mortality in UK Biobank?. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 102.	2.0	16
11	Correlates of change in accelerometer-assessed total sedentary time and prolonged sedentary bouts among older English adults: results from five-year follow-up in the EPIC-Norfolk cohort. Aging, 2021, 13, 134-149.	1.4	3
12	Impact of follow-up time and analytical approaches to account for reverse causality on the association between physical activity and health outcomes in UK Biobank. International Journal of Epidemiology, 2020, 49, 162-172.	0.9	57
13	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. British Journal of Sports Medicine, 2020, 54, 1499-1506.	3.1	161
14	Levels of domain-specific physical activity at work, in the household, for travel and for leisure among 327 789 adults from 104 countries. British Journal of Sports Medicine, 2020, 54, 1488-1497.	3.1	79
15	Temporal trends in leisure-time sedentary behavior among adolescents aged 12-15 years from 26 countries in Asia, Africa, and the Americas. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 102.	2.0	13
16	Worldwide surveillance of self-reported sitting time: a scoping review. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 111.	2.0	52
17	Standing up against office sitting: A study protocol. South African Journal of Physiotherapy, 2020, 76, 1415.	0.3	2
18	Wearable-device-measured physical activity and future health risk. Nature Medicine, 2020, 26, 1385-1391.	15.2	157

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19	Tracking of total sedentary time and sedentary patterns in youth: a pooled analysis using the International Childrenâ€™s Accelerometry Database (ICAD). International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 65.	2.0	30
20	Estimating physical activity from self-reported behaviours in large-scale population studies using network harmonisation: findings from UK Biobank and associations with disease outcomes. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 40.	2.0	18
21	Descriptive epidemiology of energy expenditure in the UK: findings from the National Diet and Nutrition Survey 2008â€“15. International Journal of Epidemiology, 2020, 49, 1007-1021.	0.9	13
22	Prospective Associations of Accelerometer-Measured Physical Activity and Sedentary Time With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality. Circulation, 2020, 141, 1113-1115.	1.6	56
23	Sedentary Behavior and Chronic Disease: Mechanisms and Future Directions. Journal of Physical Activity and Health, 2020, 17, 52-61.	1.0	67
24	Cross-sectional and longitudinal associations between active commuting and patterns of movement behaviour during discretionary time: A compositional data analysis. PLoS ONE, 2019, 14, e0216650.	1.1	9
25	Substituting prolonged sedentary time and cardiovascular risk in children and youth: a meta-analysis within the International Childrenâ€™s Accelerometry database (ICAD). International Journal of Behavioral Nutrition and Physical Activity, 2019, 16, 96.	2.0	35
26	Do older English adults exhibit day-to-day compensation in sedentary time and in prolonged sedentary bouts? An EPIC-Norfolk cohort analysis. PLoS ONE, 2019, 14, e0224225.	1.1	1
27	Validation study of the Spanish version of the Last-7-d Sedentary Time Questionnaire (SIT-Q-7d-Sp) in young adults. PLoS ONE, 2019, 14, e0217362.	1.1	6
28	Driving status, travel modes and accelerometer-assessed physical activity in younger, middle-aged and older adults: a prospective study of 90â€‰810 UK Biobank participants. International Journal of Epidemiology, 2019, 48, 1175-1186.	0.9	12
29	Descriptive epidemiology of physical activity energy expenditure in UK adults (The Fenland study). International Journal of Behavioral Nutrition and Physical Activity, 2019, 16, 126.	2.0	54
30	Impact of sit-stand desks at work on energy expenditure, sitting time and cardio-metabolic risk factors: Multiphase feasibility study with randomised controlled component. Preventive Medicine Reports, 2019, 13, 64-72.	0.8	16
31	Physical Activity Surveillance Through Smartphone Apps and Wearable Trackers: Examining the UK Potential for Nationally Representative Sampling. JMIR MHealth and UHealth, 2019, 7, e11898.	1.8	53
32	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. European Journal of Epidemiology, 2018, 33, 953-964.	2.5	64
33	Sedentary behaviour and risk of all-cause, cardiovascular and cancer mortality, and incident type 2 diabetes: a systematic review and dose response meta-analysis. European Journal of Epidemiology, 2018, 33, 811-829.	2.5	777
34	Ten-year change in sedentary behaviour, moderate-to-vigorous physical activity, cardiorespiratory fitness and cardiometabolic risk: independent associations and mediation analysis. British Journal of Sports Medicine, 2018, 52, 1063-1068.	3.1	83
35	Using alternatives to the car and risk of all-cause, cardiovascular and cancer mortality. Heart, 2018, 104, 1749-1755.	1.2	32
36	Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. International Journal of Obesity, 2018, 42, 1639-1650.	1.6	102

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37	Mortality Risk Reductions from Substituting Screen Time by Discretionary Activities. Medicine and Science in Sports and Exercise, 2017, 49, 1111-1119.	0.2	30
38	Sedentary Time and Physical Activity Surveillance Through Accelerometer Pooling in Four European Countries. Sports Medicine, 2017, 47, 1421-1435.	3.1	117
39	Cross-Sectional Associations of Objectively-Measured Physical Activity and Sedentary Time with Body Composition and Cardiorespiratory Fitness in Mid-Childhood: The PANIC Study. Sports Medicine, 2017, 47, 769-780.	3.1	75
40	Impact of sit-stand desks at work on energy expenditure and sedentary time: protocol for a feasibility study. Pilot and Feasibility Studies, 2016, 2, 30.	0.5	4
41	Adverse associations of car time with markers of cardio-metabolic risk. Preventive Medicine, 2016, 83, 26-30.	1.6	62
42	Sitting and chronic disease: where do we go from here?. Diabetologia, 2016, 59, 688-691.	2.9	10
43	Magnitude and determinants of change in objectively-measured physical activity, sedentary time and sleep duration from ages 15 to 17.5y in UK adolescents: the ROOTS study. International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 61.	2.0	34
44	Utilization and Harmonization of Adult Accelerometry Data. Medicine and Science in Sports and Exercise, 2015, 47, 2129-2139.	0.2	222
45	Television Viewing, Walking Speed, and Grip Strength in a Prospective Cohort Study. Medicine and Science in Sports and Exercise, 2015, 47, 735-742.	0.2	18
46	Prospective associations between sedentary time, sleep duration and adiposity in adolescents. Sleep Medicine, 2015, 16, 717-722.	0.8	35
47	Association between birth weight and objectively measured sedentary time is mediated by central adiposity: data in 10,793 youth from the International Childrenâ€™s Accelerometry Database. American Journal of Clinical Nutrition, 2015, 101, 983-990.	2.2	29
48	Sedentary Behavior and Incident Cancer: A Meta-Analysis of Prospective Studies. PLoS ONE, 2014, 9, e105709.	1.1	95
49	Increasing objectively measured sedentary time increases clustered cardiometabolic risk: a 6Âyear analysis of the ProActive study. Diabetologia, 2014, 57, 305-312.	2.9	63
50	Levels and patterns of objectively-measured physical activity volume and intensity distribution in UK adolescents: the ROOTS study. International Journal of Behavioral Nutrition and Physical Activity, 2014, 11, 23.	2.0	85
51	Reliability and Validity of a Domain-Specific Last 7-d Sedentary Time Questionnaire. Medicine and Science in Sports and Exercise, 2014, 46, 1248-1260.	0.2	104
52	Influencing Factors of Sedentary Behavior in European Preschool Settings: An Exploration Through Focus Groups With Teachers. Journal of School Health, 2013, 83, 654-661.	0.8	26
53	Rate of weight gain predicts change in physical activity levels: a longitudinal analysis of the EPIC-Norfolk cohort. International Journal of Obesity, 2013, 37, 404-409.	1.6	57
54	Determinants of Change in Childrenâ€™s Sedentary Time. PLoS ONE, 2013, 8, e67627.	1.1	57

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55	Correlates of Change in Adultsâ€™ Television Viewing Time. Medicine and Science in Sports and Exercise, 2012, 44, 1287-1292.	0.2	41
56	Sport participation and stress among women and men. Psychology of Sport and Exercise, 2012, 13, 466-483.	1.1	55
57	Letter to the Editor: Standardized use of the terms â€œsedentaryâ€•and â€œsedentary behavioursâ€• Applied Physiology, Nutrition and Metabolism, 2012, 37, 540-542.	0.9	1,500
58	Breastfeeding and Infant Temperament at Age Three Months. PLoS ONE, 2012, 7, e29326.	1.1	57
59	Influencing factors of screen time in preschool children: an exploration of parents' perceptions through focus groups in six European countries. Obesity Reviews, 2012, 13, 75-84.	3.1	100
60	Adverse associations of increases in television viewing time with 5â€•year changes in glucose homoeostasis markers: the AusDiab study. Diabetic Medicine, 2012, 29, 918-925.	1.2	18
61	Socio-demographic, psychosocial and home-environmental attributes associated with adults' domestic screen time. BMC Public Health, 2011, 11, 668.	1.2	45
62	Television viewing time independently predicts all-cause and cardiovascular mortality: the EPIC Norfolk Study. International Journal of Epidemiology, 2011, 40, 150-159.	0.9	246
63	Television Viewing and Incident Cardiovascular Disease: Prospective Associations and Mediation Analysis in the EPIC Norfolk Study. PLoS ONE, 2011, 6, e20058.	1.1	98
64	Increased Cardiometabolic Risk Is Associated with Increased TV Viewing Time. Medicine and Science in Sports and Exercise, 2010, 42, 1511-1518.	0.2	137
65	Objectively Measured Sedentary Time May Predict Insulin Resistance Independent of Moderate- and Vigorous-Intensity Physical Activity. Diabetes, 2009, 58, 1776-1779.	0.3	200
66	Specific associations between types of physical activity and components of mental health. Journal of Science and Medicine in Sport, 2009, 12, 468-474.	0.6	88
67	Determinants of Early Weaning and Use of Unmodified Cow's Milk in Infants: A Systematic Review. Journal of the American Dietetic Association, 2009, 109, 2017-2028.	1.3	99
68	Television viewing time and weight gain in colorectal cancer survivors: a prospective population-based study. Cancer Causes and Control, 2009, 20, 1355-1362.	0.8	47
69	Sedentary behaviour, physical activity and a continuous metabolic syndrome risk score in adults. European Journal of Clinical Nutrition, 2009, 63, 421-429.	1.3	121
70	Objectively Measured Sedentary Time, Physical Activity, and Metabolic Risk. Diabetes Care, 2008, 31, 369-371.	4.3	887
71	Lipid profile in men and women with different levels of sports participation and physical activity. Public Health Nutrition, 2008, 11, 1098-1106.	1.1	11
72	Methodological issues associated with longitudinal research: Findings from the Leuven Longitudinal Study on Lifestyle, Fitness and Health (1969Ââ€“Â2004). Journal of Sports Sciences, 2007, 25, 1011-1024.	1.0	18

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73	Muscular Strength, Aerobic Fitness, and Metabolic Syndrome Risk in Flemish Adults. Medicine and Science in Sports and Exercise, 2007, 39, 233-240.	0.2	118
74	Reliability and Validity of the Flemish Physical Activity Computerized Questionnaire in Adults. Research Quarterly for Exercise and Sport, 2007, 78, 293-306.	0.8	98
75	Association between leisure time physical activity and stress, social support and coping: A cluster-analytical approach. Psychology of Sport and Exercise, 2007, 8, 425-440.	1.1	82
76	Dietary factors associated with obesity indicators and level of sports participation in Flemish adults: a cross-sectional study. Nutrition Journal, 2007, 6, 26.	1.5	48
77	Secular trends in anthropometric characteristics, physical fitness, physical activity, and biological maturation in Flemish adolescents between 1969 and 2005. American Journal of Human Biology, 2007, 19, 345-357.	0.8	65
78	Socio-economic and lifestyle factors associated with overweight in Flemish adult men and women. BMC Public Health, 2007, 7, 23.	1.2	42
79	Reliability, equivalence and respondent preference of computerized versus paper-and-pencil mental health questionnaires. Computers in Human Behavior, 2007, 23, 1958-1970.	5.1	29
80	Tracking of Physical Fitness and Physical Activity from Youth to Adulthood in Females. Medicine and Science in Sports and Exercise, 2006, 38, 1114-1120.	0.2	82
81	Exercise and Simvastatin Interaction on Coenzyme Q and Cytochrome Oxidase in Cardiac and Skeletal Muscle. Medicine and Science in Sports and Exercise, 2006, 38, S4.	0.2	0
82	Validity of a Physical Activity Computer Questionnaire in 12- to 18-year-old Boys and Girls. International Journal of Sports Medicine, 2006, 27, 131-136.	0.8	115
83	A Continuous Metabolic Syndrome Risk Score: Utility for epidemiological analyses. Diabetes Care, 2006, 29, 2329-2329.	4.3	161
84	Teleoanticipation - Strategic Concept or Immediate Feed Forward / Feed Backward Control?. Medicine and Science in Sports and Exercise, 2006, 38, S43.	0.2	5
85	Shoulder Pain in a Collegiate Tennis Player. Medicine and Science in Sports and Exercise, 2006, 38, S160-S161.	0.2	0
86	Actual Overweight and Obesity Prevalence in Flanders. Medicine and Science in Sports and Exercise, 2006, 38, S55.	0.2	0
87	Physical activity levels in 10- to 11-year-olds: clustering of psychosocial correlates. Public Health Nutrition, 2005, 8, 896-903.	1.1	46
88	Physical Activity and Psychosocial Correlates in Normal Weight and Overweight 11 to 19 Year Olds. Obesity, 2005, 13, 1097-1105.	4.0	107
89	Stages of change for physical activity in a community sample of adolescents. Health Education Research, 2005, 20, 357-366.	1.0	51
90	Nutritional Intake In Flemish Adults From The Age Of 18 Up To 75. Medicine and Science in Sports and Exercise, 2005, 37, S446.	0.2	0

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91	Familial Resemblance In Physical Activity. Medicine and Science in Sports and Exercise, 2005, 37, S327.	0.2	0
92	Familial Resemblance In Physical Fitness. Medicine and Science in Sports and Exercise, 2005, 37, S326-S327.	0.2	0
93	Generational Differences In Physical Fitness. Medicine and Science in Sports and Exercise, 2005, 37, S323.	0.2	0
94	Physical Activity Levels In 10 To 11 Year-olds. Medicine and Science in Sports and Exercise, 2005, 37, S427.	0.2	0
95	Prevalence Of Overweight And Obesity In Flemish Adults. Medicine and Science in Sports and Exercise, 2005, 37, S172.	0.2	0