

Katrien Wijndaele

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

8,062
citations

57752

44
h-index

51602

86
g-index

105
all docs

105
docs citations

105
times ranked

10026
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint associations between objectively measured physical activity volume and intensity with body fatness: the Fenland study. <i>International Journal of Obesity</i> , 2022, 46, 169-177.	3.4	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. <i>Lancet Regional Health - Europe</i> , The, 2022, 12, 100265.	5.6	44
3	Considerations for the Use of Consumer-Grade Wearables and Smartphones in Population Surveillance of Physical Activity. <i>Journal for the Measurement of Physical Behaviour</i> , 2022, 5, 8-14.	0.8	7
4	Physical activity intensity profiles associated with cardiometabolic risk in middle-aged to older men and women. <i>Preventive Medicine</i> , 2022, 156, 106977.	3.4	4
5	School-related sedentary behaviours and indicators of health and well-being among children and youth: a systematic review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 40.	4.6	16
6	International school-related sedentary behaviour recommendations for children and youth. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 39.	4.6	22
7	Device-measured physical activity, adiposity and mortality: a harmonised meta-analysis of eight prospective cohort studies. <i>British Journal of Sports Medicine</i> , 2022, 56, 725-732.	6.7	12
8	Association of Accelerometer-Measured Sedentary Accumulation Patterns With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality. <i>Journal of the American Heart Association</i> , 2022, 11, e023845.	3.7	14
9	Genetic susceptibility, screen-based sedentary activities and incidence of coronary heart disease. <i>BMC Medicine</i> , 2022, 20, .	5.5	9
10	Is occupational physical activity associated with mortality in UK Biobank?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 102.	4.6	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. <i>Aging</i> , 2021, 13, 134-149.	3.1	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. <i>International Journal of Epidemiology</i> , 2020, 49, 162-172.	1.9	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. <i>British Journal of Sports Medicine</i> , 2020, 54, 1499-1506.	6.7	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. <i>British Journal of Sports Medicine</i> , 2020, 54, 1488-1497.	6.7	79
15	Temporal trends in leisure-time sedentary behavior among adolescents aged 12-15 years from 26 countries in Asia, Africa, and the Americas. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 102.	4.6	13
16	Worldwide surveillance of self-reported sitting time: a scoping review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 111.	4.6	52
17	Standing up against office sitting: A study protocol. <i>South African Journal of Physiotherapy</i> , 2020, 76, 1415.	0.7	2
18	Wearable-device-measured physical activity and future health risk. <i>Nature Medicine</i> , 2020, 26, 1385-1391.	30.7	157

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19	Tracking of total sedentary time and sedentary patterns in youth: a pooled analysis using the International Children's Accelerometry Database (ICAD). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 65.	4.6	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 40.	4.6	18
21	Descriptive epidemiology of energy expenditure in the UK: findings from the National Diet and Nutrition Survey 2008-15. <i>International Journal of Epidemiology</i> , 2020, 49, 1007-1021.	1.9	13
22	Prospective Associations of Accelerometer-Measured Physical Activity and Sedentary Time With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality. <i>Circulation</i> , 2020, 141, 1113-1115.	1.6	56
23	Sedentary Behavior and Chronic Disease: Mechanisms and Future Directions. <i>Journal of Physical Activity and Health</i> , 2020, 17, 52-61.	2.0	67
24	Cross-sectional and longitudinal associations between active commuting and patterns of movement behaviour during discretionary time: A compositional data analysis. <i>PLoS ONE</i> , 2019, 14, e0216650.	2.5	9
25	Substituting prolonged sedentary time and cardiovascular risk in children and youth: a meta-analysis within the International Children's Accelerometry database (ICAD). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 96.	4.6	35
26	Do older English adults exhibit day-to-day compensation in sedentary time and in prolonged sedentary bouts? An EPIC-Norfolk cohort analysis. <i>PLoS ONE</i> , 2019, 14, e0224225.	2.5	1
27	Validation study of the Spanish version of the Last-7-d Sedentary Time Questionnaire (SIT-Q-7d-Sp) in young adults. <i>PLoS ONE</i> , 2019, 14, e0217362.	2.5	6
28	Driving status, travel modes and accelerometer-assessed physical activity in younger, middle-aged and older adults: a prospective study of 90% UK Biobank participants. <i>International Journal of Epidemiology</i> , 2019, 48, 1175-1186.	1.9	12
29	Descriptive epidemiology of physical activity energy expenditure in UK adults (The Fenland study). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 126.	4.6	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. <i>Preventive Medicine Reports</i> , 2019, 13, 64-72.	1.8	16
31	Physical Activity Surveillance Through Smartphone Apps and Wearable Trackers: Examining the UK Potential for Nationally Representative Sampling. <i>JMIR MHealth and UHealth</i> , 2019, 7, e11898.	3.7	53
32	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. <i>European Journal of Epidemiology</i> , 2018, 33, 953-964.	5.7	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. <i>European Journal of Epidemiology</i> , 2018, 33, 811-829.	5.7	777
34	Ten-year change in sedentary behaviour, moderate-to-vigorous physical activity, cardiorespiratory fitness and cardiometabolic risk: independent associations and mediation analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 1063-1068.	6.7	83
35	Using alternatives to the car and risk of all-cause, cardiovascular and cancer mortality. <i>Heart</i> , 2018, 104, 1749-1755.	2.9	32
36	Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. <i>International Journal of Obesity</i> , 2018, 42, 1639-1650.	3.4	102

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37	Mortality Risk Reductions from Substituting Screen Time by Discretionary Activities. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1111-1119.	0.4	30
38	Sedentary Time and Physical Activity Surveillance Through Accelerometer Pooling in Four European Countries. <i>Sports Medicine</i> , 2017, 47, 1421-1435.	6.5	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. <i>Sports Medicine</i> , 2017, 47, 769-780.	6.5	75
40	Impact of sit-stand desks at work on energy expenditure and sedentary time: protocol for a feasibility study. <i>Pilot and Feasibility Studies</i> , 2016, 2, 30.	1.2	4
41	Adverse associations of car time with markers of cardio-metabolic risk. <i>Preventive Medicine</i> , 2016, 83, 26-30.	3.4	62
42	Sitting and chronic disease: where do we go from here?. <i>Diabetologia</i> , 2016, 59, 688-691.	6.3	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 61.	4.6	34
44	Utilization and Harmonization of Adult Accelerometry Data. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2129-2139.	0.4	222
45	Television Viewing, Walking Speed, and Grip Strength in a Prospective Cohort Study. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 735-742.	0.4	18
46	Prospective associations between sedentary time, sleep duration and adiposity in adolescents. <i>Sleep Medicine</i> , 2015, 16, 717-722.	1.6	35
47	Association between birth weight and objectively measured sedentary time is mediated by central adiposity: data in 10,793 youth from the International Children's Accelerometry Database. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 983-990.	4.7	29
48	Sedentary Behavior and Incident Cancer: A Meta-Analysis of Prospective Studies. <i>PLoS ONE</i> , 2014, 9, e105709.	2.5	95
49	Increasing objectively measured sedentary time increases clustered cardiometabolic risk: a 6-year analysis of the ProActive study. <i>Diabetologia</i> , 2014, 57, 305-312.	6.3	63
50	Levels and patterns of objectively-measured physical activity volume and intensity distribution in UK adolescents: the ROOTS study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014, 11, 23.	4.6	85
51	Reliability and Validity of a Domain-Specific Last 7-d Sedentary Time Questionnaire. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1248-1260.	0.4	104
52	Influencing Factors of Sedentary Behavior in European Preschool Settings: An Exploration Through Focus Groups With Teachers. <i>Journal of School Health</i> , 2013, 83, 654-661.	1.6	26
53	Rate of weight gain predicts change in physical activity levels: a longitudinal analysis of the EPIC-Norfolk cohort. <i>International Journal of Obesity</i> , 2013, 37, 404-409.	3.4	57
54	Determinants of Change in Children's Sedentary Time. <i>PLoS ONE</i> , 2013, 8, e67627.	2.5	57

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55	Correlates of Change in Adults'™ Television Viewing Time. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1287-1292.	0.4	41
56	Sport participation and stress among women and men. <i>Psychology of Sport and Exercise</i> , 2012, 13, 466-483.	2.1	55
57	Letter to the Editor: Standardized use of the terms "sedentary" and "sedentary behaviours". <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 540-542.	1.9	1,500
58	Breastfeeding and Infant Temperament at Age Three Months. <i>PLoS ONE</i> , 2012, 7, e29326.	2.5	57
59	Influencing factors of screen time in preschool children: an exploration of parents' perceptions through focus groups in six European countries. <i>Obesity Reviews</i> , 2012, 13, 75-84.	6.5	100
60	Adverse associations of increases in television viewing time with 5-year changes in glucose homeostasis markers: the AusDiab study. <i>Diabetic Medicine</i> , 2012, 29, 918-925.	2.3	18
61	Socio-demographic, psychosocial and home-environmental attributes associated with adults' domestic screen time. <i>BMC Public Health</i> , 2011, 11, 668.	2.9	45
62	Television viewing time independently predicts all-cause and cardiovascular mortality: the EPIC Norfolk Study. <i>International Journal of Epidemiology</i> , 2011, 40, 150-159.	1.9	246
63	Television Viewing and Incident Cardiovascular Disease: Prospective Associations and Mediation Analysis in the EPIC Norfolk Study. <i>PLoS ONE</i> , 2011, 6, e20058.	2.5	98
64	Increased Cardiometabolic Risk Is Associated with Increased TV Viewing Time. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1511-1518.	0.4	137
65	Objectively Measured Sedentary Time May Predict Insulin Resistance Independent of Moderate- and Vigorous-Intensity Physical Activity. <i>Diabetes</i> , 2009, 58, 1776-1779.	0.6	200
66	Specific associations between types of physical activity and components of mental health. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 468-474.	1.3	88
67	Determinants of Early Weaning and Use of Unmodified Cow's Milk in Infants: A Systematic Review. <i>Journal of the American Dietetic Association</i> , 2009, 109, 2017-2028.	1.1	99
68	Television viewing time and weight gain in colorectal cancer survivors: a prospective population-based study. <i>Cancer Causes and Control</i> , 2009, 20, 1355-1362.	1.8	47
69	Sedentary behaviour, physical activity and a continuous metabolic syndrome risk score in adults. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 421-429.	2.9	121
70	Objectively Measured Sedentary Time, Physical Activity, and Metabolic Risk. <i>Diabetes Care</i> , 2008, 31, 369-371.	8.6	887
71	Lipid profile in men and women with different levels of sports participation and physical activity. <i>Public Health Nutrition</i> , 2008, 11, 1098-1106.	2.2	11
72	Methodological issues associated with longitudinal research: Findings from the Leuven Longitudinal Study on Lifestyle, Fitness and Health (1969-2004). <i>Journal of Sports Sciences</i> , 2007, 25, 1011-1024.	2.0	18

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73	Muscular Strength, Aerobic Fitness, and Metabolic Syndrome Risk in Flemish Adults. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 233-240.	0.4	118
74	Reliability and Validity of the Flemish Physical Activity Computerized Questionnaire in Adults. <i>Research Quarterly for Exercise and Sport</i> , 2007, 78, 293-306.	1.4	98
75	Association between leisure time physical activity and stress, social support and coping: A cluster-analytical approach. <i>Psychology of Sport and Exercise</i> , 2007, 8, 425-440.	2.1	82
76	Dietary factors associated with obesity indicators and level of sports participation in Flemish adults: a cross-sectional study. <i>Nutrition Journal</i> , 2007, 6, 26.	3.4	48
77	Secular trends in anthropometric characteristics, physical fitness, physical activity, and biological maturation in Flemish adolescents between 1969 and 2005. <i>American Journal of Human Biology</i> , 2007, 19, 345-357.	1.6	65
78	Socio-economic and lifestyle factors associated with overweight in Flemish adult men and women. <i>BMC Public Health</i> , 2007, 7, 23.	2.9	42
79	Reliability, equivalence and respondent preference of computerized versus paper-and-pencil mental health questionnaires. <i>Computers in Human Behavior</i> , 2007, 23, 1958-1970.	8.5	29
80	Tracking of Physical Fitness and Physical Activity from Youth to Adulthood in Females. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1114-1120.	0.4	82
81	Exercise and Simvastatin Interaction on Coenzyme Q and Cytochrome Oxidase in Cardiac and Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S4.	0.4	0
82	Validity of a Physical Activity Computer Questionnaire in 12- to 18-year-old Boys and Girls. <i>International Journal of Sports Medicine</i> , 2006, 27, 131-136.	1.7	115
83	A Continuous Metabolic Syndrome Risk Score: Utility for epidemiological analyses. <i>Diabetes Care</i> , 2006, 29, 2329-2329.	8.6	161
84	Teleoanticipation - Strategic Concept or Immediate Feed Forward / Feed Backward Control?. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S43.	0.4	5
85	Shoulder Pain in a Collegiate Tennis Player. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S160-S161.	0.4	0
86	Actual Overweight and Obesity Prevalence in Flanders. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S55.	0.4	0
87	Physical activity levels in 10- to 11-year-olds: clustering of psychosocial correlates. <i>Public Health Nutrition</i> , 2005, 8, 896-903.	2.2	46
88	Physical Activity and Psychosocial Correlates in Normal Weight and Overweight 11 to 19 Year Olds. <i>Obesity</i> , 2005, 13, 1097-1105.	4.0	107
89	Stages of change for physical activity in a community sample of adolescents. <i>Health Education Research</i> , 2005, 20, 357-366.	1.9	51
90	Nutritional Intake In Flemish Adults From The Age Of 18 Up To 75. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S446.	0.4	0

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91	Familial Resemblance In Physical Activity. Medicine and Science in Sports and Exercise, 2005, 37, S327.	0.4	0
92	Familial Resemblance In Physical Fitness. Medicine and Science in Sports and Exercise, 2005, 37, S326-S327.	0.4	0
93	Generational Differences In Physical Fitness. Medicine and Science in Sports and Exercise, 2005, 37, S323.	0.4	0
94	Physical Activity Levels In 10 To 11 Year-olds. Medicine and Science in Sports and Exercise, 2005, 37, S427.	0.4	0
95	Prevalence Of Overweight And Obesity In Flemish Adults. Medicine and Science in Sports and Exercise, 2005, 37, S172.	0.4	0