

# Anders Grntved

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77  
papers

2,760  
citations

26  
h-index

51  
g-index

83  
ext. papers

3,349  
ext. citations

6  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
77	Television viewing and risk of type 2 diabetes, cardiovascular disease, and all-cause mortality: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2011</b> , 305, 2448-55	27.4	598
76	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001116	11.6	379
75	A prospective study of weight training and risk of type 2 diabetes mellitus in men. <i>Archives of Internal Medicine</i> , <b>2012</b> , 172, 1306-12		117
74	A Comparison between BMI, Waist Circumference, and Waist-To-Height Ratio for Identifying Cardio-Metabolic Risk in Children and Adolescents. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149351	3.7	101
73	Muscle-strengthening and conditioning activities and risk of type 2 diabetes: a prospective study in two cohorts of US women. <i>PLoS Medicine</i> , <b>2014</b> , 11, e1001587	11.6	94
72	Muscle strength in youth and cardiovascular risk in young adulthood (the European Youth Heart Study). <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 90-4	10.3	77
71	Variations in accelerometry measured physical activity and sedentary time across Europe - harmonized analyses of 47,497 children and adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 38	8.4	71
70	A new approach to define and diagnose cardiometabolic disorder in children. <i>Journal of Diabetes Research</i> , <b>2015</b> , 2015, 539835	3.9	69
69	Longitudinal Associations of Exposure to Perfluoroalkylated Substances in Childhood and Adolescence and Indicators of Adiposity and Glucose Metabolism 6 and 12 Years Later: The European Youth Heart Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 1745-51	14.6	63
68	Age-related patterns of vigorous-intensity physical activity in youth: The International Children's Accelerometry Database. <i>Preventive Medicine Reports</i> , <b>2016</b> , 4, 17-22	2.6	62
67	Youth screen-time behaviour is associated with cardiovascular risk in young adulthood: the European Youth Heart Study. <i>European Journal of Preventive Cardiology</i> , <b>2014</b> , 21, 49-56	3.9	60
66	Cardiorespiratory fitness, muscular strength and risk of type 2 diabetes: a systematic review and meta-analysis. <i>Diabetologia</i> , <b>2019</b> , 62, 1129-1142	10.3	58
65	Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1639-1650	5.5	58
64	Independent and combined association of muscle strength and cardiorespiratory fitness in youth with insulin resistance and $\beta$ -cell function in young adulthood: the European Youth Heart Study. <i>Diabetes Care</i> , <b>2013</b> , 36, 2575-81	14.6	57
63	Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 93, 851-60	7	50
62	Substituting sugar-sweetened beverages with water or milk is inversely associated with body fatness development from childhood to adolescence. <i>Nutrition</i> , <b>2015</b> , 31, 38-44	4.8	48
61	Adiposity and glycemic control in children exposed to perfluorinated compounds. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E608-14	5.6	47

60	Cycling to school is associated with lower BMI and lower odds of being overweight or obese in a large population-based study of Danish adolescents. <i>Journal of Physical Activity and Health</i> , <b>2012</b> , 9, 617-25	2.5	43
59	Associations between Recreational and Commuter Cycling, Changes in Cycling, and Type 2 Diabetes Risk: A Cohort Study of Danish Men and Women. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002076	11.6	36
58	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3582-94	5.6	34
57	A prospective study of screen time in adolescence and depression symptoms in young adulthood. <i>Preventive Medicine</i> , <b>2015</b> , 81, 108-13	4.3	34
56	Associations between objectively measured physical activity intensity in childhood and measures of subclinical cardiovascular disease in adolescence: prospective observations from the European Youth Heart Study. <i>British Journal of Sports Medicine</i> , <b>2014</b> , 48, 1502-7	10.3	31
55	Bicycling to Work and Primordial Prevention of Cardiovascular Risk: A Cohort Study Among Swedish Men and Women. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	31
54	Moderate-and-vigorous physical activity from adolescence to adulthood and subclinical atherosclerosis in adulthood: prospective observations from the European Youth Heart Study. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 107-12	10.3	30
53	Personal characteristics and demographic factors associated with objectively measured physical activity in children attending preschool. <i>Pediatric Exercise Science</i> , <b>2009</b> , 21, 209-19	2	29
52	Physical Activity and Sedentary Time Associations with Metabolic Health Across Weight Statuses in Children and Adolescents. <i>Obesity</i> , <b>2017</b> , 25, 1762-1769	8	26
51	The Prospective Association of Organized Sports Participation With Cardiovascular Disease Risk in Children (the CHAMPS Study-DK). <i>Mayo Clinic Proceedings</i> , <b>2017</b> , 92, 57-65	6.4	25
50	Association between plasma leptin and blood pressure in two population-based samples of children and adolescents. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 1093-100	1.9	25
49	Polychlorinated biphenyl exposure and glucose metabolism in 9-year-old Danish children. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E2643-51	5.6	23
48	Association between parent and child physical activity: a systematic review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 67	8.4	21
47	Association of high amounts of physical activity with mortality risk: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 1195-1201	10.3	21
46	Prospective Study of Bicycling and Risk of Coronary Heart Disease in Danish Men and Women. <i>Circulation</i> , <b>2016</b> , 134, 1409-1411	16.7	20
45	Physical activity, sedentary behavior, and long-term cardiovascular risk in young people: A review and discussion of methodology in prospective studies. <i>Journal of Sport and Health Science</i> , <b>2016</b> , 5, 145-150	8.2	20
44	Cardiovascular disease risk factors and blood pressure response during exercise in healthy children and adolescents: the European Youth Heart Study. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 1125-32	3.7	19
43	Classroom-based physical activity improves children's math achievement - A randomized controlled trial. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208787	3.7	19

42	Maternal mortality among migrants in Western Europe: a meta-analysis. <i>Maternal and Child Health Journal</i> , <b>2014</b> , 18, 1628-38	2.4	18
41	Recommendations for determining the validity of consumer wearable heart rate devices: expert statement and checklist of the INTERLIVE Network. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 767-779	10.3	18
40	Associations of Vigorous-Intensity Physical Activity with Biomarkers in Youth. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 1366-1374	1.2	16
39	Rationale and design of a randomized controlled trial examining the effect of classroom-based physical activity on math achievement. <i>BMC Public Health</i> , <b>2016</b> , 16, 304	4.1	16
38	Recommendations for determining the validity of consumer wearable and smartphone step count: expert statement and checklist of the INTERLIVE network. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 780-793	10.3	15
37	Symptoms of depression in young adulthood is associated with unfavorable clinical- and behavioral cardiovascular disease risk factors. <i>Preventive Medicine Reports</i> , <b>2018</b> , 11, 209-215	2.6	15
36	Associations between Exposure to Persistent Organic Pollutants in Childhood and Overweight up to 12 Years Later in a Low Exposed Danish Population. <i>Obesity Facts</i> , <b>2015</b> , 8, 282-92	5.1	14
35	Higher circulating plasma polychlorinated biphenyls (PCBs) in fit and lean children: The European youth heart study. <i>Environment International</i> , <b>2020</b> , 136, 105481	12.9	11
34	Associations of Proatrial Natriuretic Peptide with Components of the Metabolic Syndrome in Adolescents and Young Adults from the General Population. <i>American Journal of Hypertension</i> , <b>2017</b> , 30, 561-568	2.3	10
33	Between-school variation in physical activity, aerobic fitness, and organized sports participation: a multi-level analysis. <i>Journal of Sports Sciences</i> , <b>2013</b> , 31, 188-95	3.6	10
32	Short-term efficacy of reducing screen media use on physical activity, sleep, and physiological stress in families with children aged 4-14: study protocol for the SCREENS randomized controlled trial. <i>BMC Public Health</i> , <b>2020</b> , 20, 380	4.1	9
31	NOS3 variants, physical activity, and blood pressure in the European Youth Heart Study. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 444-50	2.3	9
30	The development of a questionnaire to assess leisure time screen-based media use and its proximal correlates in children (SCREENS-Q). <i>BMC Public Health</i> , <b>2020</b> , 20, 664	4.1	8
29	Protocol for evaluating the impact of a national school policy on physical activity levels in Danish children and adolescents: the PHASAR study - a natural experiment. <i>BMC Public Health</i> , <b>2018</b> , 18, 1245	4.1	8
28	Associations Between Changes in Cycling and All-Cause Mortality Risk. <i>American Journal of Preventive Medicine</i> , <b>2018</b> , 55, 615-623	6.1	8
27	Exposure to perfluoroalkylated substances (PFAS) in relation to fitness, physical activity, and adipokine levels in childhood: The european youth heart study. <i>Environmental Research</i> , <b>2020</b> , 191, 110110	7.0	7
26	Mid-regional pro-atrial natriuretic peptide and blood pressure in adolescents: effect of gender and pubertal stage. <i>Blood Pressure</i> , <b>2015</b> , 24, 347-52	1.7	7
25	Screen time viewing behaviors and isometric trunk muscle strength in youth. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 1975-80	1.2	6

24	Three times as much physical education reduced the risk of children being overweight or obese after 5 years. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2020</b> , 109, 595-601	3.1	6
23	Simple Method for the Objective Activity Type Assessment with Preschoolers, Children and Adolescents. <i>Children</i> , <b>2020</b> , 7,	2.8	6
22	Changes in Cycling and Incidence of Overweight and Obesity among Danish Men and Women. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 1413-1421	1.2	5
21	Resemblance in accelerometer-assessed physical activity in families with children: the Lolland-Falster Health Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 161	8.4	5
20	Fitness, Fatness, and Mortality in Men and Women From the UK Biobank: Prospective Cohort Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019605	6	5
19	Association of copeptin, a surrogate marker for arginine vasopressin secretion, with insulin resistance: Influence of adolescence and psychological stress. <i>Peptides</i> , <b>2019</b> , 115, 8-14	3.8	5
18	Prevalence of overweight and obesity and anthropometric reference centiles for Albanian children and adolescents living in four Balkan nation-states. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2018</b> , 31, 1199-1206	1.6	5
17	Muscle Fitness Changes During Childhood Associates With Improvements in Cardiometabolic Risk Factors: A Prospective Study. <i>Journal of Physical Activity and Health</i> , <b>2019</b> , 16, 108-115	2.5	4
16	Association of Cycling With All-Cause and Cardiovascular Disease Mortality Among Persons With Diabetes: The European Prospective Investigation Into Cancer and Nutrition (EPIC) Study. <i>JAMA Internal Medicine</i> , <b>2021</b> , 181, 1196-1205	11.5	3
15	Recommendations for Determining the Validity of Consumer Wearables and Smartphones for the Estimation of Energy Expenditure: Expert Statement and Checklist of the INTERLIVE Network.. <i>Sports Medicine</i> , <b>2022</b> , 1	10.6	3
14	Plasma proatrial natriuretic peptide associates with lipid oxidation during exercise and cardiorespiratory fitness in healthy young adults. <i>Peptides</i> , <b>2019</b> , 122, 170156	3.8	2
13	Validity of Estimating the Maximal Oxygen Consumption by Consumer Wearables: A Systematic Review with Meta-analysis and Expert Statement of the INTERLIVE Network.. <i>Sports Medicine</i> , <b>2022</b> , 1	10.6	2
12	Insulin sensitivity is reduced in children with high body-fat regardless of BMI. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 985-994	5.5	1
11	Recreational screen media use in Danish school-aged children and the role of parental education, family structures, and household screen media rules.. <i>Preventive Medicine</i> , <b>2021</b> , 155, 106908	4.3	1
10	Screen-based media use and blood pressure in preschool-aged children: A prospective study in the Odense Child Cohort. <i>Scandinavian Journal of Public Health</i> , <b>2021</b> , 49, 495-502	3	1
9	Feasibility of home-based sampling of salivary cortisol and cortisone in healthy adults. <i>BMC Research Notes</i> , <b>2021</b> , 14, 406	2.3	0
8	Feasibility of two screen media reduction interventions: Results from the SCREENS pilot trial. <i>PLoS ONE</i> , <b>2021</b> , 16, e0259657	3.7	0
7	Cross-sectional and prospective associations of sleep duration and bedtimes with adiposity and obesity risk in 15 810 youth from 11 international cohorts. <i>Pediatric Obesity</i> , <b>2021</b> , e12873	4.6	0

6	Prenatal Exposure to Butyl Paraben Is Associated With Fat Percentage in 7-Year-Old Boys. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e2633-e2638	5.6	0
5	Response to correspondence ENVINT_2020_552 "Can habitual exercise really increase serum concentrations of persistent organic pollutants?". <i>Environment International</i> , <b>2020</b> , 140, 105616	12.9	
4	Bicycling for Transportation and Recreation in Cardiovascular Disease Prevention. <i>Current Cardiovascular Risk Reports</i> , <b>2019</b> , 13, 1	0.9	
3	Achievement of public health recommendations for physical activity and prevention of gains in adiposity in adults. <i>Obesity</i> , <b>2013</b> , 21, 2421	8	
2	Resemblance in Physical Activity in Families with Children in Time Segments during the Week: The Lolland-Falster Health Study. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 2283-2289	1.2	
1	Maintenance of physical activity after cardiac rehabilitation (FAIR): study protocol for a feasibility trial.. <i>BMJ Open</i> , <b>2022</b> , 12, e060157	3	