

# Georg Mikael Fogelholm

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

4,852  
citations

94433

37  
h-index

106344

65  
g-index

118  
all docs

118  
docs citations

118  
times ranked

6587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compositional data analysis for physical activity, sedentary time and sleep research. <i>Statistical Methods in Medical Research</i> , 2018, 27, 3726-3738.	1.5	273
2	The International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): design and methods. <i>BMC Public Health</i> , 2013, 13, 900.	2.9	264
3	Proportion of children meeting recommendations for 24-hour movement guidelines and associations with adiposity in a 12-country study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 123.	4.6	224
4	Correlates of Total Sedentary Time and Screen Time in 9-11 Year-Old Children around the World: The International Study of Childhood Obesity, Lifestyle and the Environment. <i>PLoS ONE</i> , 2015, 10, e0129622.	2.5	211
5	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> , 2020, 17, 38.	4.6	176
6	Dietary macronutrients and food consumption as determinants of long-term weight change in adult populations: a systematic literature review. <i>Food and Nutrition Research</i> , 2012, 56, 19103.	2.6	175
7	Physical Activity, Sedentary Time, and Obesity in an International Sample of Children. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2062-2069.	0.4	171
8	Improving wear time compliance with a 24-hour waist-worn accelerometer protocol in the International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 11.	4.6	161
9	Effects of Bodyweight Reduction on Sports Performance. <i>Sports Medicine</i> , 1994, 18, 249-267.	6.5	155
10	Effects of Walking Training on Weight Maintenance After a Very-Low-Energy Diet in Premenopausal Obese Women. <i>Archives of Internal Medicine</i> , 2000, 160, 2177.	3.8	139
11	Relationship between lifestyle behaviors and obesity in children ages 9-11: Results from a 12-country study. <i>Obesity</i> , 2015, 23, 1696-1702.	3.0	120
12	Men and women respond differently to rapid weight loss: Metabolic outcomes of a multi-centre intervention study after a low-energy diet in 2500 overweight, individuals with pre-diabetes (PREVIEW). <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2840-2851.	4.4	120
13	Rural-urban differences in health and health behaviour: A baseline description of a community health-promotion programme for the elderly. <i>Scandinavian Journal of Public Health</i> , 2006, 34, 632-640.	2.3	109
14	Maternal gestational diabetes and childhood obesity at age 9-11: results of a multinational study. <i>Diabetologia</i> , 2016, 59, 2339-2348.	6.3	92
15	Health-Related Quality of Life and Lifestyle Behavior Clusters in School-Aged Children from 12 Countries. <i>Journal of Pediatrics</i> , 2017, 183, 178-183.e2.	1.8	92
16	Relationships between Parental Education and Overweight with Childhood Overweight and Physical Activity in 9-11 Year Old Children: Results from a 12-Country Study. <i>PLoS ONE</i> , 2016, 11, e0147746.	2.5	86
17	Temporal and bi-directional associations between sleep duration and physical activity/sedentary time in children: An international comparison. <i>Preventive Medicine</i> , 2018, 111, 436-441.	3.4	78
18	Adiposity and the isotemporal substitution of physical activity, sedentary time and sleep among school-aged children: a compositional data analysis approach. <i>BMC Public Health</i> , 2018, 18, 311.	2.9	76

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19	PREVIEW: Prevention of Diabetes through Lifestyle Intervention and Population Studies in Europe and around the World. Design, Methods, and Baseline Participant Description of an Adult Cohort Enrolled into a Three-Year Randomised Clinical Trial. <i>Nutrients</i> , 2017, 9, 632.	4.1	72
20	Taking nutrition into account within the life cycle assessment of food products. <i>Journal of Cleaner Production</i> , 2017, 149, 828-844.	9.3	65
21	Associations between meeting combinations of 24-hour movement recommendations and dietary patterns of children: A 12-country study. <i>Preventive Medicine</i> , 2019, 118, 159-165.	3.4	63
22	Weight Loss Strategies for Obese Adults: Personalized Weight Management Program vs. Standard Care. <i>Obesity</i> , 2006, 14, 1777-1788.	3.0	62
23	Weight and diet concerns in Finnish female and male athletes. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 229-235.	0.4	61
24	The <sc>PREVIEW</sc> intervention study: Results from a 3-year randomized 2 x 2 factorial multinational trial investigating the role of protein, glycaemic index and physical activity for prevention of type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 324-337.	4.4	58
25	Additive Effects of the Mutations in the $\beta$ -Adrenergic Receptor and Uncoupling Protein-1 Genes on Weight Loss and Weight Maintenance in Finnish Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 4246-4250.	3.6	57
26	Predictors of Weight Change in Middle-aged and Old Men. <i>Obesity</i> , 2000, 8, 367-373.	4.0	57
27	Socioeconomic status and dietary patterns in children from around the world: different associations by levels of country human development?. <i>BMC Public Health</i> , 2017, 17, 457.	2.9	56
28	Sleep patterns and sugar-sweetened beverage consumption among children from around the world. <i>Public Health Nutrition</i> , 2018, 21, 2385-2393.	2.2	53
29	Physical Education Classes, Physical Activity, and Sedentary Behavior in Children. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 995-1004.	0.4	53
30	Healthy lifestyles of former Finnish world class athletes. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, 224-229.	0.4	52
31	International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): Contributions to Understanding the Global Obesity Epidemic. <i>Nutrients</i> , 2019, 11, 848.	4.1	47
32	Breastfeeding and childhood obesity: A 12-country study. <i>Maternal and Child Nutrition</i> , 2020, 16, e12984.	3.0	47
33	Relationship between Soft Drink Consumption and Obesity in 9-11 Years Old Children in a Multi-National Study. <i>Nutrients</i> , 2016, 8, 770.	4.1	46
34	Like parent, like child? Dietary resemblance in families. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 62.	4.6	45
35	Human development index, children's health-related quality of life and movement behaviors: a compositional data analysis. <i>Quality of Life Research</i> , 2018, 27, 1473-1482.	3.1	43
36	Environmental Sustainability Perspectives of the Nordic Diet. <i>Nutrients</i> , 2019, 11, 2248.	4.1	42

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37	Dietary Intake and Thiamin, Iron, and Zinc Status in Elite Nordic Skiers during Different Training Periods. <i>International Journal of Sport Nutrition</i> , 1992, 2, 351-365.	1.7	38
38	ECSS position statement: Exercise and obesity. <i>European Journal of Sport Science</i> , 2006, 6, 15-24.	2.7	38
39	Sociodemographic differences in motives for food selection: results from the LoCard cross-sectional survey. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 71.	4.6	38
40	Lack of Association between Indices of Vitamin B1, B2, and B6, Status and Exercise-Induced Blood Lactate in Young Adults. <i>International Journal of Sport Nutrition</i> , 1993, 3, 165-176.	1.7	37
41	Indicators of Vitamin and Mineral Status in Athletes' Blood: A Review. <i>International Journal of Sport Nutrition</i> , 1995, 5, 267-284.	1.7	37
42	Emotional Eating, Health Behaviours, and Obesity in Children: A 12-Country Cross-Sectional Study. <i>Nutrients</i> , 2019, 11, 351.	4.1	37
43	Correlates of compliance with recommended levels of physical activity in children. <i>Scientific Reports</i> , 2017, 7, 16507.	3.3	35
44	Growth, dietary intake, and trace element status in pubescent athletes and schoolchildren. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 738-746.	0.4	32
45	Gut microbiota predicts body fat change following a low-energy diet: a PREVIEW intervention study. <i>Genome Medicine</i> , 2022, 14, .	8.2	32
46	Large-scale loyalty card data in health research. <i>Digital Health</i> , 2018, 4, 205520761881689.	1.8	31
47	Nutrition Knowledge Among Young Finnish Endurance Athletes and Their Coaches. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018, 28, 522-527.	2.1	30
48	Objectively Measured Physical Activity and Sedentary Time Are Associated With Cardiometabolic Risk Factors in Adults With Prediabetes: The PREVIEW Study. <i>Diabetes Care</i> , 2018, 41, 562-569.	8.6	30
49	Dietary Intake and Nutritional Status of Athletic and Nonathletic Children in Early Puberty. <i>International Journal of Sport Nutrition</i> , 1995, 5, 136-150.	1.7	29
50	Micronutrient Status in Females during a 24-Week Fitness-Type Exercise Program. <i>Annals of Nutrition and Metabolism</i> , 1992, 36, 209-218.	1.9	26
51	The Impact of Nutrition Education Intervention with and Without a Mobile Phone Application on Nutrition Knowledge Among Young Endurance Athletes. <i>Nutrients</i> , 2019, 11, 2249.	4.1	24
52	Compositional analysis of the associations between 24-h movement behaviours and cardio-metabolic risk factors in overweight and obese adults with pre-diabetes from the PREVIEW study: cross-sectional baseline analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 29.	4.6	23
53	Micronutrients: interaction between physical activity, intakes and requirements. <i>Public Health Nutrition</i> , 1999, 2, 349-356.	2.2	22
54	PREVIEW Behavior Modification Intervention Toolbox (PREMIT): A Study Protocol for a Psychological Element of a Multicenter Project. <i>Frontiers in Psychology</i> , 2016, 7, 1136.	2.1	21

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55	High Compared with Moderate Protein Intake Reduces Adaptive Thermogenesis and Induces a Negative Energy Balance during Long-term Weight-Loss Maintenance in Participants with Prediabetes in the Postobese State:A PREVIEW Study. <i>Journal of Nutrition</i> , 2020, 150, 458-463.	2.9	21
56	New Nordic Nutrition Recommendations are here. <i>Food and Nutrition Research</i> , 2013, 57, 22903.	2.6	19
57	Dark chocolate and reduced snack consumption in mildly hypertensive adults: an intervention study. <i>Nutrition Journal</i> , 2015, 14, 84.	3.4	19
58	Characterization and Correction of Bias Due to Nonparticipation and the Degree of Loyalty in Large-Scale Finnish Loyalty Card Data on Grocery Purchases: Cohort Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e18059.	4.3	19
59	Walking for the Management of Obesity. <i>Disease Management and Health Outcomes</i> , 2005, 13, 9-18.	0.4	18
60	A model for presenting accelerometer paradata in large studies: ISCOLE. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 52.	4.6	18
61	Household-level correlates of children's physical activity levels in and across 12 countries. <i>Obesity</i> , 2016, 24, 2150-2157.	3.0	18
62	Dairy Products, Meat and Sports Performance. <i>Sports Medicine</i> , 2003, 33, 615-631.	6.5	17
63	Higher Protein Intake Is Not Associated with Decreased Kidney Function in Pre-Diabetic Older Adults Following a One-Year Intervention—A Preview Sub-Study. <i>Nutrients</i> , 2018, 10, 54.	4.1	17
64	Effects of a High-Protein/Moderate-Carbohydrate Diet on Appetite, Gut Peptides, and Endocannabinoids—A Preview Study. <i>Nutrients</i> , 2019, 11, 2269.	4.1	17
65	Association between breakfast frequency and physical activity and sedentary time: a cross-sectional study in children from 12 countries. <i>BMC Public Health</i> , 2019, 19, 222.	2.9	17
66	Physical and psychological functioning of daily living in relation to physical activity. A longitudinal study among former elite male athletes and controls. <i>Aging Clinical and Experimental Research</i> , 2006, 18, 40-49.	2.9	16
67	PREVIEW study&mdash;influence of a behavior modification intervention (PREMIT) in over 2300 people with pre-diabetes: intention, self-efficacy and outcome expectancies during the early phase of a lifestyle intervention. <i>Psychology Research and Behavior Management</i> , 2018, Volume 11, 383-394.	2.8	16
68	Joint associations between weekday and weekend physical activity or sedentary time and childhood obesity. <i>International Journal of Obesity</i> , 2019, 43, 691-700.	3.4	16
69	Dose-Dependent Associations of Dietary Glycemic Index, Glycemic Load, and Fiber With 3-Year Weight Loss Maintenance and Glycemic Status in a High-Risk Population: A Secondary Analysis of the Diabetes Prevention Study PREVIEW. <i>Diabetes Care</i> , 2021, 44, 1672-1681.	8.6	16
70	Are Children Like Werewolves? Full Moon and Its Association with Sleep and Activity Behaviors in an International Sample of Children. <i>Frontiers in Pediatrics</i> , 2016, 4, 24.	1.9	15
71	Associations of neighborhood social environment attributes and physical activity among 9&hat{11} year old children from 12 countries. <i>Health and Place</i> , 2017, 46, 183-191.	3.3	15
72	Vitamins, minerals and supplementation in soccer. <i>Journal of Sports Sciences</i> , 1994, 12, S23-S27.	2.0	14

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73	No evidence for an epidemiological transition in sleep patterns among children: a 12-country study. <i>Sleep Health</i> , 2018, 4, 87-95.	2.5	14
74	Adherence to a Plant-Based Diet and Consumption of Specific Plant Foodsâ€™ Associations with 3-Year Weight-Loss Maintenance and Cardiometabolic Risk Factors: A Secondary Analysis of the PREVIEW Intervention Study. <i>Nutrients</i> , 2021, 13, 3916.	4.1	14
75	A slow road from meat dominance to more sustainable diets: An analysis of purchase preferences among Finnish loyalty-card holders. , 2022, 1, e0000015.		14
76	Outdoor time and dietary patterns in children around the world. <i>Journal of Public Health</i> , 2018, 40, e493-e501.	1.8	13
77	Relationships Between Outdoor Time, Physical Activity, Sedentary Time, and Body Mass Index in Children: A 12-Country Study. <i>Pediatric Exercise Science</i> , 2019, 31, 118-129.	1.0	13
78	Demographic and Social-Cognitive Factors Associated with Weight Loss in Overweight, Pre-diabetic Participants of the PREVIEW Study. <i>International Journal of Behavioral Medicine</i> , 2018, 25, 682-692.	1.7	12
79	Life-course leisure-time physical activity trajectories in relation to health-related behaviors in adulthood: the Cardiovascular Risk in Young Finns study. <i>BMC Public Health</i> , 2021, 21, 533.	2.9	12
80	Do we eat what we buy? Relative validity of grocery purchase data as an indicator of food consumption in the LoCard study. <i>British Journal of Nutrition</i> , 2022, 128, 1780-1788.	2.3	12
81	Age- and sex-specific effects of a long-term lifestyle intervention on body weight and cardiometabolic health markers in adults with prediabetes: results from the diabetes prevention study PREVIEW. <i>Diabetologia</i> , 2022, 65, 1262-1277.	6.3	12
82	Joint association of birth weight and physical activity/sedentary behavior with obesity in children ages 9â€“11 years from 12 countries. <i>Obesity</i> , 2017, 25, 1091-1097.	3.0	11
83	A History of Cowâ€™s Milk Allergy Is Associated with Lower Vitamin D Status in Schoolchildren. <i>Hormone Research in Paediatrics</i> , 2017, 88, 244-250.	1.8	11
84	Epidemiological Transition in Physical Activity and Sedentary Time in Children. <i>Journal of Physical Activity and Health</i> , 2019, 16, 518-524.	2.0	11
85	The relationship of sterol regulatory elementâ€™binding protein cleavageâ€™activation protein and apolipoprotein E gene polymorphisms with metabolic changes during weight reduction. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 876-880.	3.4	10
86	Active School Transport among Children from Canada, Colombia, Finland, South Africa, and the United States: A Tale of Two Journeys. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3847.	2.6	10
87	Effect of a high protein/low glycaemic index diet on insulin resistance in adolescents with overweight/obesityâ€™A PREVIEW randomized clinical trial. <i>Pediatric Obesity</i> , 2021, 16, e12702.	2.8	10
88	Association of Psychobehavioral Variables With HOMA-IR and BMI Differs for Men and Women With Prediabetes in the PREVIEW Lifestyle Intervention. <i>Diabetes Care</i> , 2021, 44, 1491-1498.	8.6	10
89	Permissive flexibility in successful lifelong weight management: A qualitative study among Finnish men and women. <i>Appetite</i> , 2017, 116, 157-163.	3.7	9
90	Associations of Leisure-Time Physical Activity Trajectories with Fruit and Vegetable Consumption from Childhood to Adulthood: The Cardiovascular Risk in Young Finns Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4437.	2.6	8

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91	Effects of a High-Protein Diet on Cardiometabolic Health, Vascular Function, and Endocannabinoids – A PREVIEW Study. <i>Nutrients</i> , 2020, 12, 1512.	4.1	8
92	Cycling but not walking to work or study is associated with physical fitness, body composition and clustered cardiometabolic risk in young men. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000668.	2.9	7
93	Animal-based food choice and associations with long-term weight maintenance and metabolic health after a large and rapid weight loss: The PREVIEW study. <i>Clinical Nutrition</i> , 2022, 41, 817-828.	5.0	5
94	Does the Effect of a 3-Year Lifestyle Intervention on Body Weight and Cardiometabolic Health Differ by Prediabetes Metabolic Phenotype? A Post Hoc Analysis of the PREVIEW Study. <i>Diabetes Care</i> , 2022, 45, 2698-2708.	8.6	5
95	PREVIEW (Prevention of Diabetes Through Lifestyle Intervention and Population Studies in Europe and) Tj ETQq1 1 0.784314 rgBT /Over Diabetes, Obesity and Metabolism, 2018, 20, 1096-1101.	4.4	4
96	Is a Higher Protein-Lower Glycemic Index Diet More Nutritious Than a Conventional Diet? A PREVIEW Sub-study. <i>Frontiers in Nutrition</i> , 2020, 7, 603801.	3.7	4
97	A High-Protein, Low Glycemic Index Diet Suppresses Hunger but Not Weight Regain After Weight Loss: Results From a Large, 3-Years Randomized Trial (PREVIEW). <i>Frontiers in Nutrition</i> , 2021, 8, 685648.	3.7	4
98	Associations of nutrition and body composition with cardiovascular disease risk factors in soldiers during a 6-month deployment. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2020, 33, 457-466.	1.3	4
99	Associations of quantity and quality of carbohydrate sources with subjective appetite sensations during 3-year weight-loss maintenance: results from the PREVIEW intervention study. <i>Clinical Nutrition</i> , 2021, 41, 219-230.	5.0	4
100	Changes in alcohol purchases from grocery stores after authorising the sale of stronger beverages: The case of the Finnish alcohol legislation reform in 2018. <i>NAD Nordic Studies on Alcohol and Drugs</i> , 2022, 39, 589-604.	1.3	4
101	Nutrition recommendations and science: next parallel steps. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1059-1063.	3.5	3
102	Can a Higher Protein/Low Glycemic Index vs. a Conventional Diet Attenuate Changes in Appetite and Gut Hormones Following Weight Loss? A 3-Year PREVIEW Sub-study. <i>Frontiers in Nutrition</i> , 2021, 8, 640538.	3.7	3
103	Investigating the Effectiveness of an Educational Escape Game for Increasing Nutrition-Related Knowledge in Young Adolescents: A Pilot Study. <i>Frontiers in Nutrition</i> , 2021, 8, 674404.	3.7	3
104	Investigating IGF-II and IGF2R serum markers as predictors of body weight loss following an 8-week acute weight loss intervention: PREVIEW sub-study. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 42-48.	1.8	3
105	What Is the Profile of Overweight Individuals Who Are Unsuccessful Responders to a Low-Energy Diet? A PREVIEW Sub-study. <i>Frontiers in Nutrition</i> , 2021, 8, 707682.	3.7	3
106	Changes in Body Composition, Energy Metabolites and Electrolytes During Winter Survival Training in Male Soldiers. <i>Frontiers in Physiology</i> , 2022, 13, 797268.	2.8	3
107	Exploration of Finnish adults – successful weight management over the life course: a qualitative study. <i>BMC Public Health</i> , 2020, 20, 12.	2.9	2
108	Appraisal of Triglyceride-Related Markers as Early Predictors of Metabolic Outcomes in the PREVIEW Lifestyle Intervention: A Controlled Post-hoc Trial. <i>Frontiers in Nutrition</i> , 2021, 8, 733697.	3.7	2



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109	Interpretative repertoires of long-term weight management: negotiating accountability and explaining success. <i>Psychology and Health</i> , 2022, , 1-23.	2.2	2
110	Differential Trajectories in Altered Insulin Sensitivity Following Weight Loss and Their Impact on Circulatory Amino Acids: Results from the PREVIEW: New Zealand Sub-study (OR27-07-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz046.OR27-07-19.	0.3	1
111	Physical Activity and Energy Balance. <i>Nutrition and Disease Prevention</i> , 2005, , 447-469.	0.1	1
112	The PREVIEW Study. <i>European Journal of Health Psychology</i> , 2019, 26, 10-20.	0.6	1
113	Goal achievement and adaptive goal adjustment in a behavioral intervention for participants with prediabetes. <i>Journal of Health Psychology</i> , 2020, 26, 135910532092515.	2.3	0
114	Forming new health behavior habits during weight loss maintenanceâ€”The PREVIEW study.. <i>Health Psychology</i> , 2022, 41, 549-558.	1.6	0