Mads Fiil Hjorth

List of Publications by Year
in descending order

70 papers	2,729 citations	293460 24 h-index	223390 49 g-index
72 all docs	72 docs citations	72 times ranked	4355 citing authors

#	Article	IF	Citations
1	Can Insulin and Glucose Dynamics Bring Us Closer to Precision Dietary Management of Obesity?. Journal of Nutrition, 2022, 152, 649-650.	1.3	0
2	Empowering consumers to PREVENT diet-related diseases through OMICS sciences (PREVENTOMICS): protocol for a parallel double-blinded randomised intervention trial to investigate biomarker-based nutrition plans for weight loss. BMJ Open, 2022, 12, e051285.	0.8	10
3	A double-blinded, randomized, parallel intervention to evaluate biomarker-based nutrition plans for weight loss: The PREVENTOMICS study. Clinical Nutrition, 2022, 41, 1834-1844.	2.3	15
4	Physical Activity, Sedentary Behavior, and Sleep Before and After Bariatric Surgery and Associations with Weight Loss Outcome. Obesity Surgery, 2021, 31, 250-259.	1.1	14
5	The association between vitamin D receptor polymorphisms and tissue-specific insulin resistance in human obesity. International Journal of Obesity, 2021, 45, 818-827.	1.6	4
6	Sex, Food, and the Gut Microbiota: Disparate Response to Caloric Restriction Diet with Fiber Supplementation in Women and Men. Molecular Nutrition and Food Research, 2021, 65, e2000996.	1.5	27
7	Diets, nutrients, genes and the microbiome: recent advances in personalised nutrition. British Journal of Nutrition, 2021, 126, 1489-1497.	1.2	24
8	A protein-supplemented very-low-calorie diet does not mitigate reductions in lean mass and resting metabolic rate in subjects with overweight or obesity: A randomized controlled trial. Clinical Nutrition, 2021, 40, 5726-5733.	2.3	6
9	Pretreatment Prevotella-to-Bacteroides ratio and markers of glucose metabolism as prognostic markers for dietary weight loss maintenance. European Journal of Clinical Nutrition, 2020, 74, 338-347.	1.3	26
10	The role of viscous fiber for weight loss: food for thought and gut bacteria. American Journal of Clinical Nutrition, 2020, 111, 242-243.	2.2	2
11	Diet and exercise in the prevention and treatment of type 2 diabetes mellitus. Nature Reviews Endocrinology, 2020, 16, 545-555.	4.3	207
12	No effects on appetite or body weight in weight-reduced individuals of foods containing components previously shown to reduce appetite - Results from the SATIN (Satiety Innovation) study. Obesity Medicine, 2020, 17, 100188.	0.5	2
13	Microbial enterotypes beyond genus level: Bacteroides species as a predictive biomarker for weight change upon controlled intervention with arabinoxylan oligosaccharides in overweight subjects. Gut Microbes, 2020, 12, 1847627.	4.3	28
14	Weight loss at your fingertips â€“ personalized nutrition using fasting glucose and insulin. Proceedings of the Nutrition Society, 2020, 79, .	0.4	1
15	Variations in accelerometry measured physical activity and sedentary time across Europe â€“ harmonized analyses of 47,497 children and adolescents. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 38.	2.0	176
16	High fat diets for weight loss among subjects with elevated fasting glucose levels: The PREDIMED study. Obesity Medicine, 2020, 18, 100210.	0.5	1
17	Weekly variation in diet and physical activity among 4â€“75-year-old Danes. Public Health Nutrition, 2020, 23, 1350-1361.	1.1	21
18	Pretreatment Prevotella-to-Bacteroides ratio and salivary amylase gene copy number as prognostic markers for dietary weight loss. American Journal of Clinical Nutrition, 2020, 111, 1079-1086.	2.2	34

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19	Prevotella-to-Bacteroides ratio predicts body weight and fat loss success on 24-week diets varying in macronutrient composition and dietary fiber: results from a post-hoc analysis. International Journal of Obesity, 2019, 43, 149-157.	1.6	173
20	Predictors of successful weight loss with relative maintenance of fat-free mass in individuals with overweight and obesity on an 8-week low-energy diet. British Journal of Nutrition, 2019, 122, 468-479.	1.2	15
21	Fasting Glucose State Determines Metabolic Response to Supplementation with Insoluble Cereal Fibre: A Secondary Analysis of the Optimal Fibre Trial (OptiFiT). Nutrients, 2019, 11, 2385.	1.7	24
22	Prevotella Abundance Predicts Weight Loss Success in Healthy, Overweight Adults Consuming a Whole-Grain Diet Ad Libitum: A Post Hoc Analysis of a 6-Wk Randomized Controlled Trial. Journal of Nutrition, 2019, 149, 2174-2181.	1.3	86
23	Weight loss following an intensive dietary weight loss program in obese candidates for bariatric surgery: The retrospective RNPCÂ® cohort. Obesity Medicine, 2019, 15, 100127.	0.5	2
24	Circulating metabolites associated with objectively measured sleep duration and sleep variability in overweight/obese participants: a metabolomics approach within the SATIN study. Sleep, 2019, 42, .	0.6	12
25	Salivary Î±-amylase copy number is not associated with weight trajectories and glycemic improvements following clinical weight loss: results from a 2-phase dietary intervention study. American Journal of Clinical Nutrition, 2019, 109, 1029-1037.	2.2	10
26	Metabolic improvements during weight loss: The RNPCÂ® cohort. Obesity Medicine, 2019, 14, 100085.	0.5	3
27	Pretreatment Fasting Glucose and Insulin as Determinants of Weight Loss on Diets Varying in Macronutrients and Dietary Fibersâ€"The POUNDS LOST Study. Nutrients, 2019, 11, 586.	1.7	26
28	Weight loss at your fingertips: personalized nutrition with fasting glucose and insulin using a novel statistical approach. European Journal of Clinical Nutrition, 2019, 73, 1529-1535.	1.3	21
29	Effects of Exercise Domain and Intensity on Sleep in Women and Men with Overweight and Obesity. Journal of Obesity, 2019, 2019, 1-12.	1.1	8
30	Personalized nutrition: pretreatment glucose metabolism determines individual long-term weight loss responsiveness in individuals with obesity on low-carbohydrate versus low-fat diet. International Journal of Obesity, 2019, 43, 2037-2044.	1.6	15
31	Is reduction in appetite beneficial for body weight management in the context of overweight and obesity? Yes, according to the SATIN (Satiety Innovation) study. Journal of Nutritional Science, 2019, 8, e39.	0.7	18
32	Does stress affect food preferences? â€“ a randomized controlled trial investigating the effect of examination stress on measures of food preferences and obesogenic behavior. Stress, 2018, 21, 556-563.	0.8	8
33	Classification of obesity targeted personalized dietary weight loss management based on carbohydrate tolerance. European Journal of Clinical Nutrition, 2018, 72, 1300-1304.	1.3	15
34	Microbial enterotypes in personalized nutrition and obesity management. American Journal of Clinical Nutrition, 2018, 108, 645-651.	2.2	131
35	Personalized Dietary Management of Overweight and Obesity Based on Measures of Insulin and Glucose. Annual Review of Nutrition, 2018, 38, 245-272.	4.3	49
36	Weight loss and weight loss maintenance efficacy of a novel weight loss program: The retrospective RNPCÂ® cohort. Obesity Medicine, 2018, 10, 16-23.	0.5	8

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37	Common genetic variants are associated with lower serum 25-hydroxyvitamin D concentrations across the year among children at northern latitudes. British Journal of Nutrition, 2017, 117, 829-838.	1.2	25
38	Self-Reported Versus Accelerometer-Assessed Daily Physical Activity in Childhood Obesity Treatment. Perceptual and Motor Skills, 2017, 124, 795-811.	0.6	1
39	Weekday variation in triglyceride concentrations in 1.8 million blood samples. Journal of Lipid Research, 2017, 58, 1204-1213.	2.0	14
40	Low-Fat or Low Carb for Weight Loss? It Depends on Your Glucose Metabolism. EBioMedicine, 2017, 22, 20-21.	2.7	20
41	Improvement in age-related cognitive functions and life expectancy by ketogenic diets. Nature Reviews Endocrinology, 2017, 13, 695-696.	4.3	2
42	Pretreatment fasting plasma glucose and insulin modify dietary weight loss success: results from 3 randomized clinical trials. American Journal of Clinical Nutrition, 2017, 106, 499-505.	2.2	143
43	Pretreatment Fasting Plasma Glucose Modifies Dietary Weight Loss Maintenance Success: Results from a Stratified RCT. Obesity, 2017, 25, 2045-2048.	1.5	26
44	Are Children Like Werewolves? Full Moon and Its Association with Sleep and Activity Behaviors in an International Sample of Children. Frontiers in Pediatrics, 2016, 4, 24.	0.9	15
45	Vitamin D status and its determinants during autumn in children at northern latitudes: a cross-sectional analysis from the optimal well-being, development and health for Danish children through a healthy New Nordic Diet (OPUS) School Meal Study. British Journal of Nutrition, 2016, 115, 239-250.	1.2	33
46	Rebuttal - Factors affecting cognitive performance in children with special reference to sleep and sedentary behavior. Physiology and Behavior, 2016, 167, 413.	1.0	0
47	Normal weight children have higher cognitive performance â€“ Independent of physical activity, sleep, and diet. Physiology and Behavior, 2016, 165, 398-404.	1.0	20
48	Physical Activity, Sedentary Time, and Sleep and the Association With Inflammatory Markers and Adiponectin in 8- to 11-Year-Old Danish Children. Journal of Physical Activity and Health, 2016, 13, 733-739.	1.0	16
49	Socio-economic differences in cardiometabolic risk markers are mediated by diet and body fatness in 8- to 11-year-old Danish children: a cross-sectional study. Public Health Nutrition, 2016, 19, 2229-2239.	1.1	3
50	Sleep duration modifies effects of free ad libitum school meals on adiposity and blood pressure. Applied Physiology, Nutrition and Metabolism, 2016, 41, 33-40.	0.9	14
51	Sleep and cardiometabolic risk in children and adolescents. Sleep Medicine Reviews, 2016, 29, 76-100.	3.8	106
52	Seasonal variations in growth and body composition of 8â€“11-y-old Danish children. Pediatric Research, 2016, 79, 358-363.	1.1	16
53	Effects of school meals with weekly fish servings on vitamin D status in Danish children: secondary outcomes from the OPUS (Optimal well-being, development and health for Danish children through a) Tj ETQq1 1 0.784314 rgBT /Ov		
54	Physical activity, sleep duration and metabolic health in children fluctuate with the lunar cycle: science behind the myth. Clinical Obesity, 2015, 5, 60-66.	1.1	30

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55	Vitamin D status is associated with cardiometabolic markers in 8â€“11-year-old children, independently of body fat and physical activity. British Journal of Nutrition, 2015, 114, 1647-1655.	1.2	38
56	Markers of metabolic health in children differ between weekdaysâ€”the result of unhealthier weekend behavior. Obesity, 2015, 23, 733-736.	1.5	12
57	The effects of Nordic school meals on concentration and school performance in 8- to 11-year-old children in the OPUS School Meal Study: a cluster-randomised, controlled, cross-over trial. British Journal of Nutrition, 2015, 113, 1280-1291.	1.2	35
58	Eicosapentaenoic Acid and Docosahexaenoic Acid in Whole Blood Are Differentially and Sex-Specifically Associated with Cardiometabolic Risk Markers in 8â€“11-Year-Old Danish Children. PLoS ONE, 2014, 9, e109368.	1.1	24
59	Fatness predicts decreased physical activity and increased sedentary time, but not vice versa: support from a longitudinal study in 8- to 11-year-old children. International Journal of Obesity, 2014, 38, 959-965.	1.6	112
60	Provision of healthy school meals does not affect the metabolic syndrome score in 8â€“11-year-old children, but reduces cardiometabolic risk markers despite increasing waist circumference. British Journal of Nutrition, 2014, 112, 1826-1836.	1.2	60
61	Change in sleep duration and proposed dietary risk factors for obesity in <scp>D</scp>anish school children. Pediatric Obesity, 2014, 9, e156-9.	1.4	40
62	Short sleep duration and large variability in sleep duration are independently associated with dietary risk factors for obesity in Danish school children. International Journal of Obesity, 2014, 38, 32-39.	1.6	172
63	Low Physical Activity Level and Short Sleep Duration Are Associated with an Increased Cardio-Metabolic Risk Profile: A Longitudinal Study in 8-11 Year Old Danish Children. PLoS ONE, 2014, 9, e104677.	1.1	112
64	Seasonal variation in objectively measured physical activity, sedentary time, cardio-respiratory fitness and sleep duration among 8â€“11Âyear-old Danish children: a repeated-measures study. BMC Public Health, 2013, 13, 808.	1.2	114
65	No relation between sleep duration and adiposity indicators in 9â€“36 months old children: the <scp>SKOT</scp> cohort. Pediatric Obesity, 2013, 8, e14-8.	1.4	49
66	n-3 PUFA status in school children is associated with beneficial lipid profile, reduced physical activity and increased blood pressure in boys. British Journal of Nutrition, 2013, 110, 1304-1312.	1.2	40
67	Comparison of estimated energy intake using Web-based Dietary Assessment Software with accelerometer-determined energy expenditure in children. Food and Nutrition Research, 2013, 57, 21434.	1.2	33
68	Design of the OPUS School Meal Study: A randomised controlled trial assessing the impact of serving school meals based on the New Nordic Diet. Scandinavian Journal of Public Health, 2012, 40, 693-703.	1.2	66
69	Measure of sleep and physical activity by a single accelerometer: Can a waist-worn Actigraph adequately measure sleep in children?. Sleep and Biological Rhythms, 2012, 10, 328-335.	0.5	83
70	Level and intensity of objectively assessed physical activity among pregnant women from urban Ethiopia. BMC Pregnancy and Childbirth, 2012, 12, 154.	0.9	26