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List of Publications by Year
in descending order

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87 papers	4,599 citations	172207 29 h-index	110170 64 g-index
91 all docs	91 docs citations	91 times ranked	8373 citing authors

#	Article	IF	Citations
1	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	2.6	717
2	Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. JAMA - Journal of the American Medical Association, 2019, 321, 1702.	3.8	344
3	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002744.	3.9	291
4	Preterm birth, infant weight gain, and childhood asthma risk: AÂmeta-analysis of 147,000 European children. Journal of Allergy and Clinical Immunology, 2014, 133, 1317-1329.	1.5	285
5	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. Lancet, The, 2020, 396, 1511-1524.	6.3	219
6	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. Human Molecular Genetics, 2017, 26, 4067-4085.	1.4	211
7	Sleep characteristics across the lifespan in 1.1â€‰million people from the Netherlands, United Kingdom and United States: a systematic review and meta-analysis. Nature Human Behaviour, 2021, 5, 113-122.	6.2	193
8	Physical inactivity: a risk factor and target for intervention in renal care. Nature Reviews Nephrology, 2017, 13, 152-168.	4.1	183
9	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2062-2074.	1.5	147
10	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	5.8	140
11	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. International Journal of Epidemiology, 2018, 47, 22-23u.	0.9	105
12	The Effects of Lifestyle Interventions on (Long-Term) Weight Management, Cardiometabolic Risk and Depressive Symptoms in People with Psychotic Disorders: A Meta-Analysis. PLoS ONE, 2014, 9, e112276.	1.1	105
13	Bilirubin as a Potential Causal Factor in Type 2 Diabetes Risk: A Mendelian Randomization Study. Diabetes, 2015, 64, 1459-1469.	0.3	91
14	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. European Journal of Epidemiology, 2020, 35, 709-724.	2.5	81
15	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. Genome Medicine, 2020, 12, 25.	3.6	81
16	Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. BMC Medicine, 2018, 16, 201.	2.3	74
17	Development of the food-based Lifelines Diet Score (LLDS) and its application in 129,369 Lifelines participants. European Journal of Clinical Nutrition, 2018, 72, 1111-1119.	1.3	66
18	Fear of Movement and Low Self-Efficacy Are Important Barriers in Physical Activity after Renal Transplantation. PLoS ONE, 2016, 11, e0147609.	1.1	65

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19	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. Epigenomics, 2018, 10, 27-42.	1.0	58
20	Waist-to-height ratio, waist circumference and BMI as indicators of percentage fat mass and cardiometabolic risk factors in children aged 3â€“7 years. Clinical Nutrition, 2014, 33, 311-315.	2.3	51
21	Dietary patterns and physical activity in the metabolically (un)healthy obese: the Dutch Lifelines cohort study. Nutrition Journal, 2018, 17, 18.	1.5	50
22	Lifestyle intervention to improve quality of life and prevent weight gain after renal transplantation: Design of the Active Care after Transplantation (ACT) randomized controlled trial. BMC Nephrology, 2017, 18, 296.	0.8	44
23	Mediterranean style diet is associated with low risk of new-onset diabetes after renal transplantation. BMJ Open Diabetes Research and Care, 2017, 5, e000283.	1.2	43
24	Dietary Protein Sources and Muscle Mass over the Life Course: The Lifelines Cohort Study. Nutrients, 2018, 10, 1471.	1.7	43
25	The role of fitness in the association between fatness and cardiometabolic risk fromÂchildhood to adolescence. Pediatric Diabetes, 2013, 14, 57-65.	1.2	42
26	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. Genome Medicine, 2020, 12, 105.	3.6	41
27	Relation Between Leisure Time, Commuting, and Occupational Physical Activity With Blood Pressure in 125Â402 Adults: The Lifelines Cohort. Journal of the American Heart Association, 2020, 9, e014313.	1.6	40
28	Dietary Approach to Stop Hypertension (DASH) diet and risk of renal function decline and all-cause mortality in renal transplant recipients. American Journal of Transplantation, 2018, 18, 2523-2533.	2.6	39
29	Parental correlations of physical activity and body mass index in young children- the GECKO Drenthe cohort. International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 132.	2.0	34
30	Body fat estimates from bioelectrical impedance equations in cardiovascular risk assessment: The PREVEND cohort study. European Journal of Preventive Cardiology, 2019, 26, 905-916.	0.8	28
31	Eosinophil Count Is a Common Factor for Complex Metabolic and Pulmonary Traits and Diseases: The LifeLines Cohort Study. PLoS ONE, 2016, 11, e0168480.	1.1	28
32	Parental physical activity is associated with objectively measured physical activity in young children in a sex-specific manner: the GECKO Drenthe cohort. BMC Public Health, 2018, 18, 1033.	1.2	27
33	Unravelling the association between accelerometerâ€derived physical activity and adiposity among preschool children: A systematic review and metaâ€analyses. Obesity Reviews, 2020, 21, e12936.	3.1	27
34	Determinants of Weight Gain during the First Two Years of Lifeâ€”The GECKO Drenthe Birth Cohort. PLoS ONE, 2015, 10, e0133326.	1.1	26
35	Effects of a lifestyle intervention on psychosocial well-being of severe mentally ill residential patients: ELIPS, a cluster randomized controlled pragmatic trial. Schizophrenia Research, 2018, 199, 407-413.	1.1	25
36	The EU Child Cohort Networkâ€™s core data: establishing a set of findable, accessible, interoperable and re-usable (FAIR) variables. European Journal of Epidemiology, 2021, 36, 565-580.	2.5	24

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37	Persistent Low Rates of Treatment of Metabolic Risk Factors in People With Psychotic Disorders. Journal of Clinical Psychiatry, 2017, 78, 1117-1125.	1.1	24
38	Ultra-processed food and incident type 2 diabetes: studying the underlying consumption patterns to unravel the health effects of this heterogeneous food category in the prospective Lifelines cohort. BMC Medicine, 2022, 20, 7.	2.3	24
39	Changing the obesogenic environment to improve cardiometabolic health in residential patients with a severe mental illness: cluster randomised controlled trial. British Journal of Psychiatry, 2017, 211, 296-303.	1.7	23
40	Socio-economic disparities in the association of diet quality and type 2 diabetes incidence in the Dutch Lifelines cohort. EClinicalMedicine, 2020, 19, 100252.	3.2	22
41	Three-year follow-up of 3-year-old to 5-year-old children after participation in a multidisciplinary or a usual-care obesity treatment program. Clinical Nutrition, 2014, 33, 1095-1100.	2.3	21
42	DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. Molecular Psychiatry, 2021, 26, 2148-2162.	4.1	21
43	Multimodal lifestyle intervention using a web-based tool to improve cardiometabolic health in patients with serious mental illness: results of a cluster randomized controlled trial (LION). BMC Psychiatry, 2019, 19, 339.	1.1	20
44	Fatty acids as biomarkers of total dairy and dairy fat intakes: a systematic review and meta-analysis. Nutrition Reviews, 2018, 77, 46-63.	2.6	19
45	Reproductive characteristics of women diagnosed with premature ovarian insufficiency. Reproductive BioMedicine Online, 2016, 32, 225-232.	1.1	18
46	Physical Activity, Fatty Liver, and Glucose Metabolism Over the Life Course: The Lifelines Cohort. American Journal of Gastroenterology, 2019, 114, 907-915.	0.2	18
47	Infant movement opportunities are related to early growth â€" GECKO Drenthe cohort. Early Human Development, 2013, 89, 457-461.	0.8	17
48	Effect of high compared with low dairy intake on blood pressure in overweight middle-aged adults: results of a randomized crossover intervention study. American Journal of Clinical Nutrition, 2019, 110, 340-348.	2.2	17
49	The effect of high compared with low dairy consumption on glucose metabolism, insulin sensitivity, and metabolic flexibility in overweight adults: a randomized crossover trial. American Journal of Clinical Nutrition, 2019, 109, 1555-1568.	2.2	17
50	Prevalence and distribution of (micro)albuminuria in toddlers. Nephrology Dialysis Transplantation, 2016, 31, 1686-1692.	0.4	16
51	Design of the Lifestyle Interventions for severe mentally ill Outpatients in the Netherlands (LION) trial; a cluster randomised controlled study of a multidimensional web tool intervention to improve cardiometabolic health in patients with severe mental illness. BMC Psychiatry, 2017, 17, 107.	1.1	16
52	Young Childrenâ€™s Sugar-Sweetened Beverage Consumption and 5-Year Change in BMI: Lessons Learned from the Timing of Consumption. Nutrients, 2020, 12, 2486.	1.7	16
53	Clustering and Correlates of Multiple Health Behaviours in 9â€“10 Year Old Children. PLoS ONE, 2014, 9, e99498.	1.1	16
54	Dietary Patterns in Early Childhood and the Risk of Childhood Overweight: The GECKO Drenthe Birth Cohort. Nutrients, 2021, 13, 2046.	1.7	15

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55	Obesity and impaired renal function: potential for lifestyle intervention?. European Journal of Epidemiology, 2009, 24, 275-280.	2.5	14
56	Ultra-processed foods and risk of all-cause mortality in renal transplant recipients. American Journal of Clinical Nutrition, 2022, 115, 1646-1657.	2.2	14
57	Effect of obesity intervention programs on adipokines, insulin resistance, lipid profile, and low-grade inflammation in 3- to 5-y-old children. Pediatric Research, 2014, 75, 352-357.	1.1	13
58	Physical Activity and the Development of Post-Transplant Diabetes Mellitus, and Cardiovascular- and All-Cause Mortality in Renal Transplant Recipients. Journal of Clinical Medicine, 2020, 9, 415.	1.0	13
59	Environmental correlates of sedentary time and physical activity in preschool children living in a relatively rural setting in the Netherlands: a cross-sectional analysis of the GECKO Drenthe cohort. BMJ Open, 2019, 9, e027468.	0.8	11
60	Environmental correlates of sedentary behaviors and physical activity in Chinese preschool children: A cross-sectional study. Journal of Sport and Health Science, 2022, 11, 620-629.	3.3	11
61	Associations of Diet Quality and All-Cause Mortality Across Levels of Cardiometabolic Health and Disease: A 7.6-Year Prospective Analysis From the Dutch Lifelines Cohort. Diabetes Care, 2021, 44, 1228-1235.	4.3	11
62	Diet quality and incident chronic kidney disease in the general population: The Lifelines Cohort Study. Clinical Nutrition, 2021, 40, 5099-5105.	2.3	11
63	Effect of a multidisciplinary treatment program on eating behavior in overweight and obese preschool children. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 507-513.	0.4	7
64	Comparison of health behaviours between cancer survivors and the general population: a cross-sectional analysis of the Lifelines cohort. Journal of Cancer Survivorship, 2020, 14, 377-385.	1.5	7
65	Physical activity and 4-year changes in body weight in 52,498 non-obese people: the Lifelines cohort. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 75.	2.0	7
66	Measures of Early-life Behavior and Later Psychopathology in the LifeCycle Project - EU Child Cohort Network: A Cohort Description. Journal of Epidemiology, 2023, 33, 321-331.	1.1	7
67	Age-and Sex-Specific Analyses of Diet Quality and 4-Year Weight Change in Nonobese Adults Show Stronger Associations in Young Adulthood. Journal of Nutrition, 2020, 150, 560-567.	1.3	6
68	Physical activity patterns by objective measurements in preschoolers from China. Child and Adolescent Obesity, 2019, 2, 1-17.	1.3	6
69	Objectively measured physical activity and psychosocial functioning in young children: The GECKO Drenthe cohort. Journal of Sports Sciences, 2019, 37, 2198-2204.	1.0	6
70	Physical activity around the clock: objectively measured activity patterns in young children of the GECKO Drenthe cohort. BMC Public Health, 2019, 19, 1647.	1.2	6
71	Airflow Limitation, Fatigue, and Health-Related Quality of Life in Kidney Transplant Recipients. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1686-1694.	2.2	6
72	Effects of Education and Income on Incident Type 2 Diabetes and Cardiovascular Diseases: a Dutch Prospective Study. Journal of General Internal Medicine, 2022, , .	1.3	6

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73	Impact of Moderate Sodium Restriction and Hydrochlorothiazide on Iodine Excretion in Diabetic Kidney Disease: Data from a Randomized Cross-Over Trial. Nutrients, 2019, 11, 2204.	1.7	5
74	The Role of Childrenâ€™s Dietary Pattern and Physical Activity in the Association Between Breastfeeding and BMI at Age 5: The GECKO Drenthe Cohort. Maternal and Child Health Journal, 2021, 25, 338-348.	0.7	5
75	Dutch healthcare professionals inadequately perceived if threeâ€•and fourâ€•yearâ€•old preschool children were overweight. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 1198-1203.	0.7	3
76	Later achievement of infant motor milestones is related to lower levels of physical activity during childhood: the GECKO Drenthe cohort. BMC Pediatrics, 2019, 19, 388.	0.7	3
77	Hepatic steatosis is associated with anthropometry, cardioâ€metabolic disease risk, sex, age and urbanization, but not with ethnicity in adult Kenyans. Tropical Medicine and International Health, 2021, , .	1.0	3
78	Liver Enzymes and the Development of Posttransplantation Diabetes Mellitus in Renal Transplant Recipients. Transplantation Direct, 2017, 3, e208.	0.8	2
79	Adiposity and High Blood Pressure during Childhood: A Prospective Analysis of the Role of Physical Activity Intensity and Sedentary Time in the GECKO Drenthe Cohort. International Journal of Environmental Research and Public Health, 2020, 17, 9526.	1.2	2
80	Nutrition beyond the first 1000 days: diet quality and 7-year change in BMI and overweight in 3-year old children from the Dutch GECKO Drenthe birth cohort. Journal of Developmental Origins of Health and Disease, 2020, , 1-7.	0.7	2
81	Infant Motor Milestones and Childhood Overweight: Trends over Two Decades in A Large Twin Cohort. International Journal of Environmental Research and Public Health, 2020, 17, 2366.	1.2	1
82	How is sport participation related to mortality, diabetes and prediabetes for different body mass index levels?. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1342-1351.	1.3	1
83	Associations of Ultra-Processed Food and Its Underlying Consumption Patterns With Incident Type 2 Diabetes: The Lifelines Cohort Study. Current Developments in Nutrition, 2021, 5, 402.	0.1	1
84	PS8 - 45. Insulin resistance in 4-5 year old children with overweight and obesity. Nederlands Tijdschrift Voor Diabetologie, 2011, 9, 122-122.	0.0	0
85	PS9 - 48. External validation of the KORA S4/F4 prediction models for the risk of developing type 2 diabetes in older adults: the PREVEND Study. Nederlands Tijdschrift Voor Diabetologie, 2011, 9, 124-124.	0.0	0
86	PS4 - 22. HDL-cholesterol, Apolipoprotein A-I/A-II, and HDL-cholesterol particle composition for the risk of developing type 2 diabetes in the community: the PREVEND Study. Nederlands Tijdschrift Voor Diabetologie, 2012, 10, 113-113.	0.0	0
87	PS4 - 23. Bilirubin and risk of type 2 diabetes: a mendelian randomization approach. Nederlands Tijdschrift Voor Diabetologie, 2012, 10, 113-114.	0.0	0