

# Eva Corpeleijn

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

4,115  
citations

94433

37  
h-index

123424

61  
g-index

91  
all docs

91  
docs citations

91  
times ranked

7195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American and Australian cohorts. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 984-995.	2.3	327
2	Prediction models for risk of developing type 2 diabetes: systematic literature search and independent external validation study. <i>BMJ, The</i> , 2012, 345, e5900-e5900.	6.0	237
3	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. <i>Lancet, The</i> , 2020, 396, 1511-1524.	13.7	219
4	Metabolic flexibility in the development of insulin resistance and type 2 diabetes: effects of lifestyle. <i>Obesity Reviews</i> , 2009, 10, 178-193.	6.5	198
5	Physical inactivity: a risk factor and target for intervention in renal care. <i>Nature Reviews Nephrology</i> , 2017, 13, 152-168.	9.6	183
6	Impact of 3-year lifestyle intervention on postprandial glucose metabolism: the SLIM study. <i>Diabetic Medicine</i> , 2008, 25, 597-605.	2.3	133
7	Low Physical Activity and Risk of Cardiovascular and All-Cause Mortality in Renal Transplant Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 898-905.	4.5	120
8	Improvements in glucose tolerance and insulin sensitivity after lifestyle intervention are related to changes in serum fatty acid profile and desaturase activities: the SLIM study. <i>Diabetologia</i> , 2006, 49, 2392-2401.	6.3	116
9	Role of HDL Cholesterol and Estimates of HDL Particle Composition in Future Development of Type 2 Diabetes in the General Population: The PREVEND Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1352-E1359.	3.6	98
10	Factors of physical activity among Chinese children and adolescents: a systematic review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 36.	4.6	96
11	Bilirubin as a Potential Causal Factor in Type 2 Diabetes Risk: A Mendelian Randomization Study. <i>Diabetes</i> , 2015, 64, 1459-1469.	0.6	91
12	Motorized Transportation, Social Status, and Adiposity. <i>American Journal of Preventive Medicine</i> , 2012, 43, 1-10.	3.0	78
13	Impaired Skeletal Muscle Substrate Oxidation in Glucose-intolerant Men Improves After Weight Loss. <i>Obesity</i> , 2008, 16, 1025-1032.	3.0	73
14	Does physical activity modify the risk of obesity for type 2 diabetes: a review of epidemiological data. <i>European Journal of Epidemiology</i> , 2010, 25, 5-12.	5.7	70
15	Direct association of a promoter polymorphism in the CD36/FAT fatty acid transporter gene with Type 2 diabetes mellitus and insulin resistance. <i>Diabetic Medicine</i> , 2006, 23, 907-911.	2.3	68
16	Lifestyle intervention for prevention of diabetes: determinants of success for future implementation. <i>Nutrition Reviews</i> , 2009, 67, 132-146.	5.8	68
17	The role of diet and physical activity in post-transplant weight gain after renal transplantation. <i>Clinical Transplantation</i> , 2013, 27, E484-90.	1.6	67
18	Sex differences in the association between plasma copeptin and incident type 2 diabetes: the Prevention of Renal and Vascular Endstage Disease (PREVEND) study. <i>Diabetologia</i> , 2012, 55, 1963-1970.	6.3	66

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19	Fear of Movement and Low Self-Efficacy Are Important Barriers in Physical Activity after Renal Transplantation. PLoS ONE, 2016, 11, e0147609.	2.5	65
20	Predictors of lifestyle intervention outcome and dropout: the SLIM study. European Journal of Clinical Nutrition, 2011, 65, 1141-1147.	2.9	64
21	Results of a Multidisciplinary Treatment Program in 3-Year-Old to 5-Year-Old Overweight or Obese Children. JAMA Pediatrics, 2012, 166, 1109.	3.0	61
22	Postprandial Interleukin-6 Release from Skeletal Muscle in Men with Impaired Glucose Tolerance Can Be Reduced by Weight Loss. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5819-5824.	3.6	60
23	Study on lifestyle-intervention and impaired glucose tolerance Maastricht (SLIM): design and screening results. Diabetes Research and Clinical Practice, 2003, 61, 49-58.	2.8	56
24	Obesity-related Polymorphisms and Their Associations With the Ability to Regulate Fat Oxidation in Obese Europeans: The NUGENOB Study. Obesity, 2010, 18, 1369-1377.	3.0	52
25	Waist-to-height ratio, waist circumference and BMI as indicators of percentage fat mass and cardiometabolic risk factors in children aged 3-7 years. Clinical Nutrition, 2014, 33, 311-315.	5.0	51
26	Impact of Depression on Long-Term Outcome After Renal Transplantation. Transplantation, 2012, 94, 1033-1040.	1.0	50
27	Dietary patterns and physical activity in the metabolically (un)healthy obese: the Dutch Lifelines cohort study. Nutrition Journal, 2018, 17, 18.	3.4	50
28	Plasma Procalcitonin Is Associated with Obesity, Insulin Resistance, and the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E26-E31.	3.6	49
29	Pancreatic $\beta$ -Cell Dysfunction and Risk of New-Onset Diabetes After Kidney Transplantation. Diabetes Care, 2013, 36, 1926-1932.	8.6	49
30	Television, sleep, outdoor play and BMI in young children: the GECKO Drenthe cohort. European Journal of Pediatrics, 2015, 174, 631-639.	2.7	46
31	Associations between maternal physical activity in early and late pregnancy and offspring birth size: remote federated individual level meta-analysis from eight cohort studies. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 459-470.	2.3	46
32	Mediterranean style diet is associated with low risk of new-onset diabetes after renal transplantation. BMJ Open Diabetes Research and Care, 2017, 5, e000283.	2.8	43
33	Dietary Protein Sources and Muscle Mass over the Life Course: The Lifelines Cohort Study. Nutrients, 2018, 10, 1471.	4.1	43
34	Combined adverse effects of maternal smoking and high body mass index on heart development in offspring: evidence for interaction?. Heart, 2012, 98, 474-479.	2.9	42
35	Peroxiredoxin 4, A Novel Circulating Biomarker for Oxidative Stress and the Risk of Incident Cardiovascular Disease and All-cause Mortality. Journal of the American Heart Association, 2012, 1, e002956.	3.7	42
36	The role of fitness in the association between fatness and cardiometabolic risk from childhood to adolescence. Pediatric Diabetes, 2013, 14, 57-65.	2.9	42

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37	Longitudinal measurement of physical activity following kidney transplantation. <i>Clinical Transplantation</i> , 2014, 28, 394-402.	1.6	41
38	Relation Between Leisure Time, Commuting, and Occupational Physical Activity With Blood Pressure in 125,402 Adults: The Lifelines Cohort. <i>Journal of the American Heart Association</i> , 2020, 9, e014313.	3.7	40
39	Prevention of the metabolic syndrome in IGT subjects in a lifestyle intervention: Results from the SLIM study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 1147-1153.	2.6	38
40	Physical Activity, Adiposity, and Diabetes Risk in Middle-Aged and Older Chinese Population: The Guangzhou Biobank Cohort Study. <i>Diabetes Care</i> , 2010, 33, 2342-2348.	8.6	36
41	Parental correlations of physical activity and body mass index in young children- the GECKO Drenthe cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 132.	4.6	34
42	Maternal and paternal transmission of type 2 diabetes: influence of diet, lifestyle and adiposity. <i>Journal of Internal Medicine</i> , 2011, 270, 388-396.	6.0	31
43	Liver Function Tests and Risk Prediction of Incident Type 2 Diabetes: Evaluation in Two Independent Cohorts. <i>PLoS ONE</i> , 2012, 7, e51496.	2.5	29
44	Body fat estimates from bioelectrical impedance equations in cardiovascular risk assessment: The PREVEND cohort study. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 905-916.	1.8	28
45	Lifestyle Intervention and Adipokine Levels in Subjects at High Risk for Type 2 Diabetes: The Study on Lifestyle intervention and Impaired glucose tolerance Maastricht (SLIM). <i>Diabetes Care</i> , 2007, 30, 3125-3127.	8.6	27
46	Parental physical activity is associated with objectively measured physical activity in young children in a sex-specific manner: the GECKO Drenthe cohort. <i>BMC Public Health</i> , 2018, 18, 1033.	2.9	27
47	Unravelling the association between accelerometer-derived physical activity and adiposity among preschool children: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2020, 21, e12936.	6.5	27
48	Markers of the Hepatic Component of the Metabolic Syndrome as Predictors of Mortality in Renal Transplant Recipients. <i>American Journal of Transplantation</i> , 2010, 10, 106-114.	4.7	26
49	Skipping breakfast and overweight in 2- and 5-year-old Dutch children—the GECKO Drenthe cohort. <i>International Journal of Obesity</i> , 2014, 38, 569-571.	3.4	26
50	Determinants of Weight Gain during the First Two Years of Life—the GECKO Drenthe Birth Cohort. <i>PLoS ONE</i> , 2015, 10, e0133326.	2.5	26
51	Oxidation of intramyocellular lipids is dependent on mitochondrial function and the availability of extracellular fatty acids. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E14-E22.	3.5	25
52	Alcohol Consumption, New Onset of Diabetes After Transplantation, and All-Cause Mortality in Renal Transplant Recipients. <i>Transplantation</i> , 2011, 92, 203-209.	1.0	25
53	Plasma procalcitonin and risk of type 2 diabetes in the general population. <i>Diabetologia</i> , 2011, 54, 2463-2465.	6.3	25
54	Insulin acutely upregulates protein expression of the fatty acid transporter CD36 in human skeletal muscle in vivo. <i>Journal of Physiology and Pharmacology</i> , 2008, 59, 77-83.	1.1	25

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55	Changing the obesogenic environment to improve cardiometabolic health in residential patients with a severe mental illness: cluster randomised controlled trial. <i>British Journal of Psychiatry</i> , 2017, 211, 296-303.	2.8	23
56	An activity stimulation programme during a child's first year reduces some indicators of adiposity at the age of two and a half. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 414-421.	1.5	22
57	Socio-economic disparities in the association of diet quality and type 2 diabetes incidence in the Dutch Lifelines cohort. <i>EClinicalMedicine</i> , 2020, 19, 100252.	7.1	22
58	Is directly measured physical activity related to adiposity in preschool children?. <i>Pediatric Obesity</i> , 2011, 6, 389-400.	3.2	21
59	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. <i>Clinical Nutrition</i> , 2014, 33, 1095-1100.	5.0	21
60	Circulating peroxiredoxin 4 and type 2 diabetes risk: the Prevention of Renal and Vascular Endstage Disease (PREVEND) study. <i>Diabetologia</i> , 2014, 57, 1842-1849.	6.3	20
61	Physical Activity, Fatty Liver, and Glucose Metabolism Over the Life Course: The Lifelines Cohort. <i>American Journal of Gastroenterology</i> , 2019, 114, 907-915.	0.4	18
62	Infant movement opportunities are related to early growth in the GECKO Drenthe cohort. <i>Early Human Development</i> , 2013, 89, 457-461.	1.8	17
63	External validation of the KORA S4/F4 prediction models for the risk of developing type 2 diabetes in older adults: the PREVEND study. <i>European Journal of Epidemiology</i> , 2012, 27, 47-52.	5.7	15
64	Dietary Patterns in Early Childhood and the Risk of Childhood Overweight: The GECKO Drenthe Birth Cohort. <i>Nutrients</i> , 2021, 13, 2046.	4.1	15
65	Obesity and impaired renal function: potential for lifestyle intervention?. <i>European Journal of Epidemiology</i> , 2009, 24, 275-280.	5.7	14
66	Validation of the Tracmor <sup>D</sup> Triaxial Accelerometer to Assess Physical Activity in Preschool Children. <i>Obesity</i> , 2013, 21, 1877-1883.	3.0	14
67	A multidisciplinary intervention programme has positive effects on quality of life in overweight and obese preschool children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 962-967.	1.5	14
68	Effect of obesity intervention programs on adipokines, insulin resistance, lipid profile, and low-grade inflammation in 3- to 5-year-old children. <i>Pediatric Research</i> , 2014, 75, 352-357.	2.3	13
69	Physical Activity and the Development of Post-Transplant Diabetes Mellitus, and Cardiovascular- and All-Cause Mortality in Renal Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2020, 9, 415.	2.4	13
70	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. <i>BMJ Open</i> , 2019, 9, e027468.	1.9	11
71	Environmental correlates of sedentary behaviors and physical activity in Chinese preschool children: A cross-sectional study. <i>Journal of Sport and Health Science</i> , 2022, 11, 620-629.	6.5	11
72	Parental history of type 2 diabetes and cardiometabolic biomarkers in offspring. <i>European Journal of Clinical Investigation</i> , 2012, 42, 974-982.	3.4	9

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73	The relation of vitamin D, metabolic risk and negative symptom severity in people with psychotic disorders. <i>Schizophrenia Research</i> , 2018, 195, 513-518.	2.0	9
74	Effect of a multidisciplinary treatment program on eating behavior in overweight and obese preschool children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 507-513.	0.9	7
75	Comparison of health behaviours between cancer survivors and the general population: a cross-sectional analysis of the Lifelines cohort. <i>Journal of Cancer Survivorship</i> , 2020, 14, 377-385.	2.9	7
76	Physical activity and 4-year changes in body weight in 52,498 non-obese people: the Lifelines cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 75.	4.6	7
77	Physical activity patterns by objective measurements in preschoolers from China. <i>Child and Adolescent Obesity</i> , 2019, 2, 1-17.	1.3	6
78	Objectively measured physical activity and psychosocial functioning in young children: The GECKO Drenthe cohort. <i>Journal of Sports Sciences</i> , 2019, 37, 2198-2204.	2.0	6
79	Physical activity around the clock: objectively measured activity patterns in young children of the GECKO Drenthe cohort. <i>BMC Public Health</i> , 2019, 19, 1647.	2.9	6
80	Impact of Moderate Sodium Restriction and Hydrochlorothiazide on Iodine Excretion in Diabetic Kidney Disease: Data from a Randomized Cross-Over Trial. <i>Nutrients</i> , 2019, 11, 2204.	4.1	5
81	Dutch healthcare professionals inadequately perceived if three- and four-year-old preschool children were overweight. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1198-1203.	1.5	3
82	Later achievement of infant motor milestones is related to lower levels of physical activity during childhood: the GECKO Drenthe cohort. <i>BMC Pediatrics</i> , 2019, 19, 388.	1.7	3
83	Regional variation in lifestyle patterns and BMI in young children: the GECKO Drenthe cohort. <i>International Journal of Health Geographics</i> , 2022, 21, .	2.5	3
84	Liver Enzymes and the Development of Posttransplantation Diabetes Mellitus in Renal Transplant Recipients. <i>Transplantation Direct</i> , 2017, 3, e208.	1.6	2
85	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. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9526.	2.6	2
86	Commentary: Does Hunger Manipulate Glucose Levels, or Do Glucose Levels Make You Eat?. <i>Journal of the Association for Consumer Research</i> , 2016, 1, 24-25.	1.7	1
87	Expression of Genes Involved in Lipid Metabolism in Men with Impaired Glucose Tolerance: Impact of Insulin Stimulation and Weight Loss. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2010, 3, 9-17.	1.3	0
88	PS8 - 45. Insulin resistance in 4-5 year old children with overweight and obesity. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 122-122.	0.0	0
89	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. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 113-113.	0.0	0
90	Associations of ultra-processed food and its consumption patterns with incident type 2 diabetes. <i>European Journal of Public Health</i> , 2020, 30, .	0.3	0