

# Matthew A Sabin

## List of Publications by Citations

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113  
papers

4,049  
citations

34  
h-index

61  
g-index

117  
ext. papers

4,751  
ext. citations

6.2  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
113	Childhood adiposity, adult adiposity, and cardiovascular risk factors. <i>New England Journal of Medicine</i> , <b>2011</b> , 365, 1876-85	59.2	992
112	Combined effects of child and adult elevated blood pressure on subclinical atherosclerosis: the International Childhood Cardiovascular Cohort Consortium. <i>Circulation</i> , <b>2013</b> , 128, 217-24	16.7	172
111	Treatment of childhood obesity by retraining eating behaviour: randomised controlled trial. <i>BMJ, The</i> , <b>2009</b> , 340, b5388	5.9	127
110	Saturated fatty acids induce insulin resistance in human podocytes: implications for diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 3288-96	4.3	116
109	Physical activity patterns in nonobese and obese children assessed using minute-by-minute accelerometry. <i>International Journal of Obesity</i> , <b>2005</b> , 29, 1070-6	5.5	111
108	The LIFE child study: a life course approach to disease and health. <i>BMC Public Health</i> , <b>2012</b> , 12, 1021	4.1	110
107	Age-specific stabilization in obesity prevalence in German children: a cross-sectional study from 1999 to 2008. <i>Pediatric Obesity</i> , <b>2011</b> , 6, e199-206		106
106	Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk. <i>European Heart Journal</i> , <b>2018</b> , 39, 2263-2270	9.5	86
105	Effects of obesity on human sexual development. <i>Nature Reviews Endocrinology</i> , <b>2012</b> , 8, 246-54	15.2	86
104	A diagnosis of the metabolic syndrome in youth that resolves by adult life is associated with a normalization of high carotid intima-media thickness and type 2 diabetes mellitus risk: the Bogalusa heart and cardiovascular risk in young Finns studies. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1631-9	15.1	85
103	Which factors are associated with a successful outcome in a weight management programme for obese children?. <i>Journal of Evaluation in Clinical Practice</i> , <b>2007</b> , 13, 364-8	2.5	74
102	Childhood Age and Associations Between Childhood Metabolic Syndrome and Adult Risk for Metabolic Syndrome, Type 2 Diabetes Mellitus and Carotid Intima Media Thickness: The International Childhood Cardiovascular Cohort Consortium. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	71
101	IGFBP-2: The dark horse in metabolism and cancer. <i>Cytokine and Growth Factor Reviews</i> , <b>2015</b> , 26, 329-46	17.9	58
100	Fatty acid-induced defects in insulin signalling, in myotubes derived from children, are related to ceramide production from palmitate rather than the accumulation of intramyocellular lipid. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 211, 244-52	7	58
99	Normalizing eating behavior reduces body weight and improves gastrointestinal hormonal secretion in obese adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E193-201	5.6	57
98	Addition of recombinant follicle-stimulating hormone to human chorionic gonadotropin treatment in adolescents and young adults with hypogonadotropic hypogonadism promotes normal testicular growth and may promote early spermatogenesis. <i>Fertility and Sterility</i> , <b>2012</b> , 98, 836-42	4.8	56
97	Characterization of differentiated subcutaneous and visceral adipose tissue from children: the influences of TNF-alpha and IGF-I. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 93-103	6.3	52

96	Childhood nutrition in predicting metabolic syndrome in adults: the cardiovascular risk in Young Finns Study. <i>Diabetes Care</i> , <b>2012</b> , 35, 1937-43	14.6	51
95	Clinical measures of adiposity and percentage fat loss: which measure most accurately reflects fat loss and what should we aim for?. <i>Archives of Disease in Childhood</i> , <b>2007</b> , 92, 399-403	2.2	50
94	Repeated Blood Pressure Measurements in Childhood in Prediction of Hypertension in Adulthood. <i>Hypertension</i> , <b>2016</b> , 67, 41-7	8.5	48
93	IGFBP-2 - taking the lead in growth, metabolism and cancer. <i>Journal of Cell Communication and Signaling</i> , <b>2015</b> , 9, 125-42	5.2	48
92	Shared care obesity management in 3-10 year old children: 12 month outcomes of HopSCOTCH randomised trial. <i>BMJ, The</i> , <b>2013</b> , 346, F3092	5.9	47
91	Lifetime measures of ideal cardiovascular health and their association with subclinical atherosclerosis: The Cardiovascular Risk in Young Finns Study. <i>International Journal of Cardiology</i> , <b>2015</b> , 185, 186-91	3.2	46
90	Youth overweight and metabolic disturbances in predicting carotid intima-media thickness, type 2 diabetes, and metabolic syndrome in adulthood: the Cardiovascular Risk in Young Finns study. <i>Diabetes Care</i> , <b>2014</b> , 37, 1870-7	14.6	45
89	Fasting nonesterified fatty acid profiles in childhood and their relationship with adiposity, insulin sensitivity, and lipid levels. <i>Pediatrics</i> , <b>2007</b> , 120, e1426-33	7.4	43
88	Effect of birth weight on life-course blood pressure levels among children born premature: the Cardiovascular Risk in Young Finns Study. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 1542-8	1.9	41
87	Childhood 25-OH vitamin D levels and carotid intima-media thickness in adulthood: the cardiovascular risk in young Finns study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 1469-76	5.6	39
86	Continuous and Dichotomous Metabolic Syndrome Definitions in Youth Predict Adult Type 2 Diabetes and Carotid Artery Intima Media Thickness: The Cardiovascular Risk in Young Finns Study. <i>Journal of Pediatrics</i> , <b>2016</b> , 171, 97-103.e1-3	3.6	39
85	Leptin enhances insulin sensitivity by direct and sympathetic nervous system regulation of muscle IGFBP-2 expression: evidence from nonrodent models. <i>Endocrinology</i> , <b>2014</b> , 155, 2133-43	4.8	39
84	Impact of Lipid Measurements in Youth in Addition to Conventional Clinic-Based Risk Factors on Predicting Preclinical Atherosclerosis in Adulthood: International Childhood Cardiovascular Cohort Consortium. <i>Circulation</i> , <b>2018</b> , 137, 1246-1255	16.7	38
83	An assessment of pancreatic endocrine function and insulin sensitivity in patients with transient neonatal diabetes in remission. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2004</b> , 89, F341-3	4.7	38
82	Childhood obesity: Current and novel approaches. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 29, 327-38	6.5	36
81	BMI Trajectories Associated With Resolution of Elevated Youth BMI and Incident Adult Obesity. <i>Pediatrics</i> , <b>2018</b> , 141,	7.4	35
80	Characterisation of morbidity in a UK, hospital based, obesity clinic. <i>Archives of Disease in Childhood</i> , <b>2006</b> , 91, 126-30	2.2	35
79	Insulin and BMI as predictors of adult type 2 diabetes mellitus. <i>Pediatrics</i> , <b>2015</b> , 135, e144-51	7.4	33

78	Childhood Socioeconomic Status in Predicting Metabolic Syndrome and Glucose Abnormalities in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 2311-2317	14.6	31
77	Genetics of obesity and overgrowth syndromes. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 25, 207-20	6.5	31
76	Body mass index in ambulatory children with cerebral palsy: A cohort study. <i>Journal of Paediatrics and Child Health</i> , <b>2016</b> , 52, 417-21	1.3	30
75	Viewpoint article: Childhood obesity--looking back over 50 years to begin to look forward. <i>Journal of Paediatrics and Child Health</i> , <b>2015</b> , 51, 82-6	1.3	28
74	The Impact of Timing of Introduction of Solids on Infant Body Mass Index. <i>Journal of Pediatrics</i> , <b>2016</b> , 179, 104-110.e1	3.6	28
73	Early childhood hospitalisation with infection and subclinical atherosclerosis in adulthood: the Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2015</b> , 239, 496-502	3.1	27
72	Overgrowth syndromes. <i>Current Opinion in Pediatrics</i> , <b>2012</b> , 24, 505-11	3.2	27
71	Development of hypertension in overweight adolescents: a review. <i>Adolescent Health, Medicine and Therapeutics</i> , <b>2015</b> , 6, 171-87	2.7	26
70	Adipogenesis and IGF-1. <i>Metabolic Syndrome and Related Disorders</i> , <b>2006</b> , 4, 43-50	2.6	26
69	Utility of Different Blood Pressure Measurement Components in Childhood to Predict Adult Carotid Intima-Media Thickness. <i>Hypertension</i> , <b>2019</b> , 73, 335-341	8.5	26
68	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. <i>Trends in Endocrinology and Metabolism</i> , <b>2020</b> , 31, 378-389	8.8	25
67	IGFBP-2 inhibits adipogenesis and lipogenesis in human visceral, but not subcutaneous, adipocytes. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 770-81	5.5	24
66	Childhood Psychosocial Factors and Coronary Artery Calcification in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>JAMA Pediatrics</i> , <b>2016</b> , 170, 466-72	8.3	22
65	Low vitamin D is associated with hypertension in paediatric obesity. <i>Journal of Paediatrics and Child Health</i> , <b>2015</b> , 51, 1207-13	1.3	22
64	How training affects Australian paediatricians' management of obesity. <i>Archives of Disease in Childhood</i> , <b>2013</b> , 98, 3-8	2.2	22
63	Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. <i>Pediatrics</i> , <b>2016</b> , 137,	7.4	22
62	Mature subcutaneous and visceral adipocyte concentrations of adiponectin are highly correlated in prepubertal children and inversely related to body mass index standard deviation score. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 332-5	5.6	20
61	IGFBP-2 at the interface of growth and metabolism--implications for childhood obesity. <i>Pediatric Endocrinology Reviews</i> , <b>2011</b> , 8, 382-93	1.1	20

60	Infection-Related Hospitalization in Childhood and Adult Metabolic Outcomes. <i>Pediatrics</i> , <b>2015</b> , 136, e554-62	7.4	19
59	Childhood metabolic syndrome, inflammation and carotid intima-media thickness. The Aboriginal Birth Cohort Study. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 32-6	3.2	17
58	A shared-care model of obesity treatment for 3-10 year old children: protocol for the HopSCOTCH randomised controlled trial. <i>BMC Pediatrics</i> , <b>2012</b> , 12, 39	2.6	16
57	Dietary nano-chromium tripicolinate increases feed intake and decreases plasma cortisol in finisher gilts during summer. <i>Tropical Animal Health and Production</i> , <b>2014</b> , 46, 1483-9	1.7	15
56	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Hypertension</i> , <b>2017</b> , 70, 729-735	8.5	15
55	High perceived social support protects against the intergenerational transmission of obesity: The Cardiovascular Risk in Young Finns Study. <i>Preventive Medicine</i> , <b>2016</b> , 90, 79-85	4.3	14
54	Role of Conventional Childhood Risk Factors Versus Genetic Risk in the Development of Type 2 Diabetes and Impaired Fasting Glucose in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 1393-9	14.6	14
53	New directions in childhood obesity research: how a comprehensive biorepository will allow better prediction of outcomes. <i>BMC Medical Research Methodology</i> , <b>2010</b> , 10, 100	4.7	14
52	Non-HDL Cholesterol Levels in Childhood and Carotid Intima-Media Thickness in Adulthood. <i>Pediatrics</i> , <b>2020</b> , 145,	7.4	14
51	Neighbourhood socioeconomic circumstances, adiposity and cardiometabolic risk measures in children with severe obesity. <i>Obesity Research and Clinical Practice</i> , <b>2019</b> , 13, 345-351	5.4	13
50	Higher maternal body mass index is associated with an increased risk for later type 2 diabetes in offspring. <i>Journal of Pediatrics</i> , <b>2013</b> , 162, 918-23.e1	3.6	13
49	Adult dyslipidemia prediction is improved by repeated measurements in childhood and young adulthood. The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2015</b> , 239, 350-7	3.1	13
48	Both youth and long-term vitamin D status is associated with risk of type 2 diabetes mellitus in adulthood: a cohort study. <i>Annals of Medicine</i> , <b>2018</b> , 50, 74-82	1.5	13
47	Body Mass Index From Early to Late Childhood and Cardiometabolic Measurements at 11 to 12 Years. <i>Pediatrics</i> , <b>2020</b> , 146,	7.4	12
46	Depot-specific effects of fatty acids on lipid accumulation in children's adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 361, 356-61	3.4	12
45	Sex and puberty-related differences in metabolomic profiles associated with adiposity measures in youth with obesity. <i>Metabolomics</i> , <b>2019</b> , 15, 75	4.7	11
44	Precocious puberty in Turner syndrome. <i>Journal of Paediatrics and Child Health</i> , <b>2007</b> , 43, 776-8	1.3	11
43	Dietary monounsaturated fat in early life regulates IGFBP2: implications for fat mass accretion and insulin sensitivity. <i>Obesity</i> , <b>2011</b> , 19, 2374-81	8	10

42	Natural BMI reductions and overestimation of obesity trial effectiveness. <i>Pediatrics</i> , <b>2015</b> , 135, e292-5	7.4	9
41	Predicting overweight and obesity in young adulthood from childhood body-mass index: comparison of cutoffs derived from longitudinal and cross-sectional data. <i>The Lancet Child and Adolescent Health</i> , <b>2019</b> , 3, 795-802	14.5	8
40	Bayesian hierarchical piecewise regression models: a tool to detect trajectory divergence between groups in long-term observational studies. <i>BMC Medical Research Methodology</i> , <b>2017</b> , 17, 86	4.7	8
39	Elevated glucose concentrations during an oral glucose tolerance test are associated with the presence of metabolic syndrome in childhood obesity. <i>Diabetic Medicine</i> , <b>2008</b> , 25, 289-95	3.5	8
38	Longitudinal analysis of risk of non-alcoholic fatty liver disease in adulthood. <i>Liver International</i> , <b>2019</b> , 39, 1147-1154	7.9	8
37	Evidence for Protein Leverage in Children and Adolescents with Obesity. <i>Obesity</i> , <b>2020</b> , 28, 822-829	8	7
36	Monitoring height and weight: findings from a developmental paediatric service. <i>Journal of Paediatrics and Child Health</i> , <b>2013</b> , 49, 1063-8	1.3	7
35	The role of pharmacotherapy in the prevention and treatment of paediatric metabolic syndrome--Implications for long-term health: part of a series on Pediatric Pharmacology, guest edited by Gianvincenzo Zuccotti, Emilio Clementi, and Massimo Molteni. <i>Pharmacological Research</i> , <b>2012</b> , 65, 397-401	10.2	7
34	An observational study of type 2 diabetes within a large Australian tertiary hospital pediatric diabetes service. <i>Pediatric Diabetes</i> , <b>2010</b> , 11, 544-51	3.6	7
33	Early clinical markers of overweight/obesity onset and resolution by adolescence. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 82-93	5.5	7
32	Maternal inheritance of BDNF deletion, with phenotype of obesity and developmental delay in mother and child. <i>American Journal of Medical Genetics, Part A</i> , <b>2018</b> , 176, 194-200	2.5	7
31	Long term risk of severe retinopathy in childhood-onset type 1 diabetes: a data linkage study. <i>Medical Journal of Australia</i> , <b>2017</b> , 206, 398-401	4	6
30	Time spent watching television impacts on body mass index in youth with obesity, but only in those with shortest sleep duration. <i>Journal of Paediatrics and Child Health</i> , <b>2020</b> , 56, 721-726	1.3	6
29	Type 1 diabetes--still the commonest form of diabetes in children. <i>Australian Family Physician</i> , <b>2009</b> , 38, 695-7		6
28	Positive Psychosocial Factors in Childhood Predicting Lower Risk for Adult Type 2 Diabetes: The Cardiovascular Risk in Young Finns Study, 1980-2012. <i>American Journal of Preventive Medicine</i> , <b>2017</b> , 52, e157-e164	6.1	5
27	Psychosocial measures and weight change in a clinical paediatric population with obesity. <i>Quality of Life Research</i> , <b>2019</b> , 28, 1555-1564	3.7	5
26	Increased Body Mass Index in Parent-Child Dyads Predicts the Offspring Risk of Meeting Bariatric Surgery Criteria. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 4257-63	5.6	5
25	Longitudinal association of a body mass index (BMI) genetic risk score with growth and BMI changes across the life course: The Cardiovascular Risk in Young Finns Study. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 1733-1742	5.5	5

24	The Association Between Social Support, Body Mass Index and Increased Risk of Prediabetes: the Cardiovascular Risk in Young Finns Study. <i>International Journal of Behavioral Medicine</i> , <b>2017</b> , 24, 161-170 <sup>2.6</sup>	5
23	Where should we measure waist circumference in clinically overweight and obese youth?. <i>Journal of Paediatrics and Child Health</i> , <b>2014</b> , 50, 519-24	1.3 5
22	Reactive pituitary hyperplasia associated with paediatric primary hypothyroidism. <i>Journal of Paediatrics and Child Health</i> , <b>2013</b> , 49, 421-2	1.3 5
21	Site-specific differences of insulin action in adipose tissue derived from normal prepubertal children. <i>Experimental Cell Research</i> , <b>2005</b> , 308, 469-78	4.2 4
20	Cardiovascular risk and events and country income stratum. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 290	59.2 3
19	Turner syndrome patients with bicuspid aortic valves and renal malformations exhibit abnormal expression of X-linked inhibitor of apoptosis protein (XIAP). <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2015</b> , 28, 1203-8	1.6 3
18	Does high optimism protect against the inter-generational transmission of high BMI? The Cardiovascular Risk in Young Finns Study. <i>Journal of Psychosomatic Research</i> , <b>2017</b> , 100, 61-64	4.1 3
17	Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors. <i>Obstetrical and Gynecological Survey</i> , <b>2012</b> , 67, 156-158	2.4 3
16	Obesity during childhood is associated with higher cancer mortality rate during adulthood: the i3C Consortium. <i>International Journal of Obesity</i> , <b>2021</b> ,	5.5 3
15	Lower grip strength in youth with obesity identifies those with increased cardiometabolic risk. <i>Obesity Research and Clinical Practice</i> , <b>2020</b> , 14, 286-289	5.4 3
14	Age-Specific Estimates and Comparisons of Youth Tri-Ponderal Mass Index and Body Mass Index in Predicting Adult Obesity-Related Outcomes. <i>Journal of Pediatrics</i> , <b>2020</b> , 218, 198-203.e6	3.6 3
13	Youth and Long-Term Dietary Calcium Intake With Risk of Impaired Glucose Metabolism and Type 2 Diabetes in Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2067-2074	5.6 3
12	Dietary Pattern Trajectories from Youth to Adulthood and Adult Risk of Impaired Fasting Glucose: A 31-year Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e2078-e2086	5.6 3
11	Youth to adult body mass index trajectories as a predictor of metabolically healthy obesity in adulthood. <i>European Journal of Public Health</i> , <b>2020</b> , 30, 195-199	2.1 2
10	Association of Body Mass Index in Youth With Adult Cardiometabolic Risk. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015288	6 2
9	Fatty liver index predicts incident risk of prediabetes, type 2 diabetes and non-alcoholic fatty liver disease (NAFLD). <i>Annals of Medicine</i> , <b>2021</b> , 53, 1256-1264	1.5 2
8	When does severe childhood obesity become a child protection issue? Comment. <i>Medical Journal of Australia</i> , <b>2009</b> , 190, 653-5; author reply 655	4 1
7	Nano Chromium Picolinate Improves Gene Expression Associated with Insulin Signaling in Porcine Skeletal Muscle and Adipose Tissue. <i>Animals</i> , <b>2020</b> , 10,	3.1 1

6	Childhood and long-term dietary calcium intake and adult cardiovascular risk in a population with high calcium intake. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 1926-1931	5.9	1
5	Childhood and Adulthood Passive Smoking and Nonalcoholic Fatty Liver in Midlife: A 31-year Cohort Study. <i>American Journal of Gastroenterology</i> , <b>2021</b> , 116, 1256-1263	0.7	1
4	Attainment of Targets of the 20-Year Infancy-Onset Dietary Intervention and Blood Pressure Across Childhood and Young Adulthood: The Special Turku Coronary Risk Factor Intervention Project (STRIP). <i>Hypertension</i> , <b>2020</b> , 76, 1572-1579	8.5	0
3	Modest decrease in severity of obesity in adolescence associates with low arterial stiffness. <i>Atherosclerosis</i> , <b>2021</b> , 335, 23-30	3.1	0
2	Influences of Childhood Obesity on Pubertal Development. <i>Pediatric and Adolescent Medicine</i> , <b>2015</b> , 110, 110-115		
1	Obesity in Developing Countries <b>2013</b> , 135-158		