

Matthew A Sabin

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

5,371
citations

87843

38
h-index

91828

69
g-index

117
all docs

117
docs citations

117
times ranked

8455
citing authors

#	ARTICLE	IF	CITATIONS
1	Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors. <i>New England Journal of Medicine</i> , 2011, 365, 1876-1885.	13.9	1,263
2	Combined Effects of Child and Adult Elevated Blood Pressure on Subclinical Atherosclerosis. <i>Circulation</i> , 2013, 128, 217-224.	1.6	229
3	Treatment of childhood obesity by retraining eating behaviour: randomised controlled trial. <i>BMJ: British Medical Journal</i> , 2009, 340, b5388-b5388.	2.4	156
4	The LIFE child study: a life course approach to disease and health. <i>BMC Public Health</i> , 2012, 12, 1021.	1.2	146
5	Age-specific stabilization in obesity prevalence in German children: A cross-sectional study from 1999 to 2008. <i>Pediatric Obesity</i> , 2011, 6, e199-e206.	3.2	138
6	Saturated fatty acids induce insulin resistance in human podocytes: implications for diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 3288-3296.	0.4	134
7	Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk. <i>European Heart Journal</i> , 2018, 39, 2263-2270.	1.0	132
8	Physical activity patterns in nonobese and obese children assessed using minute-by-minute accelerometry. <i>International Journal of Obesity</i> , 2005, 29, 1070-1076.	1.6	131
9	Effects of obesity on human sexual development. <i>Nature Reviews Endocrinology</i> , 2012, 8, 246-254.	4.3	113
10	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> , 2017, 6, .	1.6	106
11	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. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1631-1639.	1.2	100
12	Which factors are associated with a successful outcome in a weight management programme for obese children?. <i>Journal of Evaluation in Clinical Practice</i> , 2007, 13, 364-368.	0.9	84
13	IGFBP-2: The dark horse in metabolism and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 329-346.	3.2	79
14	Normalizing Eating Behavior Reduces Body Weight and Improves Gastrointestinal Hormonal Secretion in Obese Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E193-E201.	1.8	73
15	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> , 2012, 98, 836-842.	0.5	69
16	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> , 2007, 92, 399-403.	1.0	65
17	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> , 2007, 211, 244-252.	2.0	65
18	Repeated Blood Pressure Measurements in Childhood in Prediction of Hypertension in Adulthood. <i>Hypertension</i> , 2016, 67, 41-47.	1.3	64

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19	Characterization of differentiated subcutaneous and visceral adipose tissue from children. <i>Journal of Lipid Research</i> , 2005, 46, 93-103.	2.0	63
20	Effect of birth weight on life-course blood pressure levels among children born premature. <i>Journal of Hypertension</i> , 2015, 33, 1542-1548.	0.3	63
21	Childhood Nutrition in Predicting Metabolic Syndrome in Adults. <i>Diabetes Care</i> , 2012, 35, 1937-1943.	4.3	62
22	Shared care obesity management in 3-10 year old children: 12 month outcomes of HopSCOTCH randomised trial. <i>BMJ, The</i> , 2013, 346, f3092-f3092.	3.0	61
23	IGFBP-2 - taking the lead in growth, metabolism and cancer. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 125-142.	1.8	61
24	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> , 2014, 37, 1870-1877.	4.3	58
25	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> , 2015, 185, 186-191.	0.8	58
26	BMI Trajectories Associated With Resolution of Elevated Youth BMI and Incident Adult Obesity. <i>Pediatrics</i> , 2018, 141, .	1.0	54
27	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> , 2015, 100, 1469-1476.	1.8	53
28	Impact of Lipid Measurements in Youth in Addition to Conventional Clinic-Based Risk Factors on Predicting Preclinical Atherosclerosis in Adulthood. <i>Circulation</i> , 2018, 137, 1246-1255.	1.6	53
29	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> , 2016, 171, 97-103.e3.	0.9	49
30	Fasting Nonesterified Fatty Acid Profiles in Childhood and Their Relationship With Adiposity, Insulin Sensitivity, and Lipid Levels. <i>Pediatrics</i> , 2007, 120, e1426-e1433.	1.0	48
31	Childhood obesity: Current and novel approaches. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015, 29, 327-338.	2.2	45
32	Genetics of obesity and overgrowth syndromes. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011, 25, 207-220.	2.2	43
33	Development of hypertension in overweight adolescents: a review. <i>Adolescent Health, Medicine and Therapeutics</i> , 2015, 6, 171.	0.7	43
34	Leptin Enhances Insulin Sensitivity by Direct and Sympathetic Nervous System Regulation of Muscle IGFBP-2 Expression: Evidence From Nonrodent Models. <i>Endocrinology</i> , 2014, 155, 2133-2143.	1.4	42
35	Insulin and BMI as Predictors of Adult Type 2 Diabetes Mellitus. <i>Pediatrics</i> , 2015, 135, e144-e151.	1.0	42
36	Childhood Socioeconomic Status in Predicting Metabolic Syndrome and Glucose Abnormalities in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Diabetes Care</i> , 2016, 39, 2311-2317.	4.3	42

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37	An assessment of pancreatic endocrine function and insulin sensitivity in patients with transient neonatal diabetes in remission. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2004, 89, F341-F343.	1.4	41
38	Characterisation of morbidity in a UK, hospital based, obesity clinic. Archives of Disease in Childhood, 2005, 91, 126-130.	1.0	40
39	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. Trends in Endocrinology and Metabolism, 2020, 31, 378-389.	3.1	40
40	The Impact of Timing of Introduction of Solids on Infant Body Mass Index. Journal of Pediatrics, 2016, 179, 104-110.e1.	0.9	39
41	Body mass index in ambulatory children with cerebral palsy: A cohort study. Journal of Paediatrics and Child Health, 2016, 52, 417-421.	0.4	38
42	Utility of Different Blood Pressure Measurement Components in Childhood to Predict Adult Carotid Intima-Media Thickness. Hypertension, 2019, 73, 335-341.	1.3	38
43	Body Mass Index From Early to Late Childhood and Cardiometabolic Measurements at 11 to 12 Years. Pediatrics, 2020, 146, .	1.0	37
44	IGFBP-2 inhibits adipogenesis and lipogenesis in human visceral, but not subcutaneous, adipocytes. International Journal of Obesity, 2015, 39, 770-781.	1.6	35
45	Early childhood hospitalisation with infection and subclinical atherosclerosis in adulthood: The Cardiovascular Risk in Young Finns Study. Atherosclerosis, 2015, 239, 496-502.	0.4	33
46	Viewpoint article: Childhood obesity “looking back over 50 years to begin to look forward. Journal of Paediatrics and Child Health, 2015, 51, 82-86.	0.4	33
47	Non-HDL Cholesterol Levels in Childhood and Carotid Intima-Media Thickness in Adulthood. Pediatrics, 2020, 145, .	1.0	32
48	Adipogenesis and IGF-1. Metabolic Syndrome and Related Disorders, 2006, 4, 43-50.	0.5	31
49	Overgrowth syndromes. Current Opinion in Pediatrics, 2012, 24, 505-511.	1.0	31
50	Childhood Psychosocial Factors and Coronary Artery Calcification in Adulthood. JAMA Pediatrics, 2016, 170, 466.	3.3	31
51	Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. Pediatrics, 2016, 137, .	1.0	30
52	Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors. Obstetrical and Gynecological Survey, 2012, 67, 156-158.	0.2	28
53	Low vitamin D is associated with hypertension in paediatric obesity. Journal of Paediatrics and Child Health, 2015, 51, 1207-1213.	0.4	27
54	Evidence for Protein Leverage in Children and Adolescents with Obesity. Obesity, 2020, 28, 822-829.	1.5	26

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55	Infection-Related Hospitalization in Childhood and Adult Metabolic Outcomes. <i>Pediatrics</i> , 2015, 136, e554-e562.	1.0	25
56	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood. <i>Hypertension</i> , 2017, 70, 729-735.	1.3	24
57	Fatty liver index predicts incident risk of prediabetes, type 2 diabetes and non-alcoholic fatty liver disease (NAFLD). <i>Annals of Medicine</i> , 2021, 53, 1257-1265.	1.5	24
58	How training affects Australian paediatricians' management of obesity. <i>Archives of Disease in Childhood</i> , 2013, 98, 3-8.	1.0	23
59	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> , 2006, 91, 332-335.	1.8	22
60	Childhood metabolic syndrome, inflammation and carotid intima-media thickness. The Aboriginal Birth Cohort Study. <i>International Journal of Cardiology</i> , 2016, 203, 32-36.	0.8	22
61	Sex and puberty-related differences in metabolomic profiles associated with adiposity measures in youth with obesity. <i>Metabolomics</i> , 2019, 15, 75.	1.4	21
62	New directions in childhood obesity research: how a comprehensive biorepository will allow better prediction of outcomes. <i>BMC Medical Research Methodology</i> , 2010, 10, 100.	1.4	20
63	Adult dyslipidemia prediction is improved by repeated measurements in childhood and young adulthood. The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , 2015, 239, 350-357.	0.4	20
64	IGFBP-2 at the interface of growth and metabolism—implications for childhood obesity. <i>Pediatric Endocrinology Reviews</i> , 2011, 8, 382-93.	1.2	20
65	A shared-care model of obesity treatment for 3-10-year old children: Protocol for the HopSCOTCH randomised controlled trial. <i>BMC Pediatrics</i> , 2012, 12, 39.	0.7	19
66	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> , 2018, 50, 74-82.	1.5	19
67	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> , 2019, 3, 795-802.	2.7	19
68	Dietary nano-chromium tripicolinate increases feed intake and decreases plasma cortisol in finisher gilts during summer. <i>Tropical Animal Health and Production</i> , 2014, 46, 1483-1489.	0.5	18
69	High perceived social support protects against the intergenerational transmission of obesity: The Cardiovascular Risk in Young Finns Study. <i>Preventive Medicine</i> , 2016, 90, 79-85.	1.6	17
70	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> , 2016, 39, 1393-1399.	4.3	17
71	Neighbourhood socioeconomic circumstances, adiposity and cardiometabolic risk measures in children with severe obesity. <i>Obesity Research and Clinical Practice</i> , 2019, 13, 345-351.	0.8	17
72	Higher Maternal Body Mass Index Is Associated with an Increased Risk for Later Type 2 Diabetes in Offspring. <i>Journal of Pediatrics</i> , 2013, 162, 918-923.e1.	0.9	16

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73	Precocious puberty in Turner syndrome. <i>Journal of Paediatrics and Child Health</i> , 2007, 43, 776-778.	0.4	15
74	Obesity during childhood is associated with higher cancer mortality rate during adulthood: the i3C Consortium. <i>International Journal of Obesity</i> , 2022, 46, 393-399.	1.6	14
75	Depot-specific effects of fatty acids on lipid accumulation in children's adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 356-361.	1.0	13
76	Bayesian hierarchical piecewise regression models: a tool to detect trajectory divergence between groups in long-term observational studies. <i>BMC Medical Research Methodology</i> , 2017, 17, 86.	1.4	13
77	Dietary Monounsaturated Fat in Early Life Regulates IGFBP2: Implications for Fat Mass Accretion and Insulin Sensitivity. <i>Obesity</i> , 2011, 19, 2374-2381.	1.5	12
78	Monitoring height and weight: Findings from a developmental paediatric service. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, 1063-1068.	0.4	12
79	Natural BMI Reductions and Overestimation of Obesity Trial Effectiveness. <i>Pediatrics</i> , 2015, 135, e292-e295.	1.0	12
80	Long term risk of severe retinopathy in childhood-onset type 1 diabetes: a data linkage study. <i>Medical Journal of Australia</i> , 2017, 206, 398-401.	0.8	11
81	Longitudinal analysis of risk of non-alcoholic fatty liver disease in adulthood. <i>Liver International</i> , 2019, 39, 1147-1154.	1.9	11
82	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> , 2020, 56, 721-726.	0.4	11
83	Childhood and Adulthood Passive Smoking and Nonalcoholic Fatty Liver in Midlife: A 31-year Cohort Study. <i>American Journal of Gastroenterology</i> , 2021, 116, 1256-1263.	0.2	11
84	Elevated glucose concentrations during an oral glucose tolerance test are associated with the presence of metabolic syndrome in childhood obesity. <i>Diabetic Medicine</i> , 2008, 25, 289-295.	1.2	10
85	An observational study of type 2 diabetes within a large Australian tertiary hospital pediatric diabetes service. <i>Pediatric Diabetes</i> , 2010, 11, 544-551.	1.2	10
86	Early clinical markers of overweight/obesity onset and resolution by adolescence. <i>International Journal of Obesity</i> , 2020, 44, 82-93.	1.6	10
87	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> , 2020, 44, 1733-1742.	1.6	10
88	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> , 2017, 52, e157-e164.	1.6	9
89	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> , 2020, 218, 198-203.e6.	0.9	9
90	The role of pharmacotherapy in the prevention and treatment of paediatric metabolic syndrome - Implications for long-term health. <i>Pharmacological Research</i> , 2012, 65, 397-401.	3.1	8

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91	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> , 2018, 176, 194-200.	0.7	8
92	Psychosocial measures and weight change in a clinical paediatric population with obesity. <i>Quality of Life Research</i> , 2019, 28, 1555-1564.	1.5	7
93	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> , 2019, 104, 2067-2074.	1.8	7
94	Childhood and long-term dietary calcium intake and adult cardiovascular risk in a population with high calcium intake. <i>Clinical Nutrition</i> , 2021, 40, 1926-1931.	2.3	7
95	Reactive pituitary hyperplasia associated with paediatric primary hypothyroidism. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, 421-422.	0.4	6
96	Where should we measure waist circumference in clinically overweight and obese youth?. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 519-524.	0.4	6
97	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> , 2017, 24, 161-170.	0.8	6
98	Attainment of Targets of the 20-Year Infancy-Onset Dietary Intervention and Blood Pressure Across Childhood and Young Adulthood. <i>Hypertension</i> , 2020, 76, 1572-1579.	1.3	6
99	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> , 2021, 106, e2078-e2086.	1.8	6
100	Type 1 diabetes--still the commonest form of diabetes in children. <i>Australian Family Physician</i> , 2009, 38, 695-7.	0.5	6
101	Site-specific differences of insulin action in adipose tissue derived from normal prepubertal children. <i>Experimental Cell Research</i> , 2005, 308, 469-478.	1.2	5
102	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> , 2015, 100, 4257-4263.	1.8	5
103	Cardiovascular Risk and Events and Country Income Stratum. <i>New England Journal of Medicine</i> , 2015, 372, 288-290.	13.9	4
104	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> , 2015, 28, 1203-8.	0.4	4
105	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> , 2017, 100, 61-64.	1.2	4
106	Association of Body Mass Index in Youth With Adult Cardiometabolic Risk. <i>Journal of the American Heart Association</i> , 2020, 9, e015288.	1.6	4
107	Modest decrease in severity of obesity in adolescence associates with low arterial stiffness. <i>Atherosclerosis</i> , 2021, 335, 23-30.	0.4	4
108	Lower grip strength in youth with obesity identifies those with increased cardiometabolic risk. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 286-289.	0.8	4

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109	Youth to adult body mass index trajectories as a predictor of metabolically healthy obesity in adulthood. <i>European Journal of Public Health</i> , 2020, 30, 195-199.	0.1	3
110	Nano Chromium Picolinate Improves Gene Expression Associated with Insulin Signaling in Porcine Skeletal Muscle and Adipose Tissue. <i>Animals</i> , 2020, 10, 1685.	1.0	3
111	Decreasing severity of obesity from early to late adolescence and young adulthood associates with longitudinal metabolomic changes implicated in lower cardiometabolic disease risk. <i>International Journal of Obesity</i> , 2022, 46, 646-654.	1.6	2
112	When does severe childhood obesity become a child protection issue?. <i>Medical Journal of Australia</i> , 2009, 190, 653-655.	0.8	1
113	Predicting risk of later obesity from the first day of life. <i>Nature Reviews Endocrinology</i> , 2013, 9, 136-138.	4.3	1
114	Obesity in Developing Countries. , 2013, , 135-158.		1
115	Influences of Childhood Obesity on Pubertal Development. <i>Pediatric and Adolescent Medicine</i> , 2015, , 110-125.	0.4	0
116	1145Obesity-related changes in metabolomic profiles in youth. <i>International Journal of Epidemiology</i> , 2021, 50, .	0.9	0