Matthew A Sabin

List of Publications by Year
in descending order

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116	5,371	87888	91884
papers	citations	38 h-index	69 g-index

117	117	117	8455
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors. New England Journal of Medicine, 2011, 365, 1876-1885.	27.0	1,263
2	Combined Effects of Child and Adult Elevated Blood Pressure on Subclinical Atherosclerosis. Circulation, 2013, 128, 217-224.	1.6	229
3	Treatment of childhood obesity by retraining eating behaviour: randomised controlled trial. BMJ: British Medical Journal, 2009, 340, b5388-b5388.	2.3	156
4	The LIFE child study: a life course approach to disease and health. BMC Public Health, 2012, 12, 1021.	2.9	146
5	Age-specific stabilization in obesity prevalence in German children: A cross-sectional study from 1999 to 2008. Pediatric Obesity, 2011, 6, e199-e206.	3.2	138
6	Saturated fatty acids induce insulin resistance in human podocytes: implications for diabetic nephropathy. Nephrology Dialysis Transplantation, 2009, 24, 3288-3296.	0.7	134
7	Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk. European Heart Journal, 2018, 39, 2263-2270.	2.2	132
8	Physical activity patterns in nonobese and obese children assessed using minute-by-minute accelerometry. International Journal of Obesity, 2005, 29, 1070-1076.	3.4	131
9	Effects of obesity on human sexual development. Nature Reviews Endocrinology, 2012, 8, 246-254.	9.6	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. Journal of the American Heart Association, 2017, 6, .	3.7	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. Journal of the American College of Cardiology, 2012, 60, 1631-1639.	2.8	100
12	Which factors are associated with a successful outcome in a weight management programme for obese children?. Journal of Evaluation in Clinical Practice, 2007, 13, 364-368.	1.8	84
13	IGFBP-2: The dark horse in metabolism and cancer. Cytokine and Growth Factor Reviews, 2015, 26, 329-346.	7.2	79
14	Normalizing Eating Behavior Reduces Body Weight and Improves Gastrointestinal Hormonal Secretion in Obese Adolescents. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E193-E201.	3.6	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. Fertility and Sterility, 2012, 98, 836-842.	1.0	69
16	Clinical measures of adiposity and percentage fat loss: which measure most accurately reflects fat loss and what should we aim for?. Archives of Disease in Childhood, 2007, 92, 399-403.	1.9	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. Journal of Cellular Physiology, 2007, 211, 244-252.	4.1	65
18	Repeated Blood Pressure Measurements in Childhood in Prediction of Hypertension in Adulthood. Hypertension, 2016, 67, 41-47.	2.7	64

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19	Characterization of differentiated subcutaneous and visceral adipose tissue from children. Journal of Lipid Research, 2005, 46, 93-103.	4.2	63
20	Effect of birth weight on life-course blood pressure levels among children born premature. Journal of Hypertension, 2015, 33, 1542-1548.	0.5	63
21	Childhood Nutrition in Predicting Metabolic Syndrome in Adults. Diabetes Care, 2012, 35, 1937-1943.	8.6	62
22	Shared care obesity management in 3-10 year old children: 12 month outcomes of HopSCOTCH randomised trial. BMJ, The, 2013, 346, f3092-f3092.	6.0	61
23	IGFBP-2 - taking the lead in growth, metabolism and cancer. Journal of Cell Communication and Signaling, 2015, 9, 125-142.	3.4	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. Diabetes Care, 2014, 37, 1870-1877.	8.6	58
25	Lifetime measures of ideal cardiovascular health and their association with subclinical atherosclerosis: The Cardiovascular Risk in Young Finns Study. International Journal of Cardiology, 2015, 185, 186-191.	1.7	58
26	BMI Trajectories Associated With Resolution of Elevated Youth BMI and Incident Adult Obesity. Pediatrics, 2018, 141, .	2.1	54
27	Childhood 25-OH Vitamin D Levels and Carotid Intima-Media Thickness in Adulthood: The Cardiovascular Risk in Young Finns Study. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1469-1476.	3.6	53
28	Impact of Lipid Measurements in Youth in Addition to Conventional Clinic-Based Risk Factors on Predicting Preclinical Atherosclerosis in Adulthood. Circulation, 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. Journal of Pediatrics, 2016, 171, 97-103.e3.	1.8	49
30	Fasting Nonesterified Fatty Acid Profiles in Childhood and Their Relationship With Adiposity, Insulin Sensitivity, and Lipid Levels. Pediatrics, 2007, 120, e1426-e1433.	2.1	48
31	Childhood obesity: Current and novel approaches. Best Practice and Research in Clinical Endocrinology and Metabolism, 2015, 29, 327-338.	4.7	45
32	Genetics of obesity and overgrowth syndromes. Best Practice and Research in Clinical Endocrinology and Metabolism, 2011, 25, 207-220.	4.7	43
33	Development of hypertension in overweight adolescents: a review. Adolescent Health, Medicine and Therapeutics, 2015, 6, 171.	0.9	43
34	Leptin Enhances Insulin Sensitivity by Direct and Sympathetic Nervous System Regulation of Muscle IGFBP-2 Expression: Evidence From Nonrodent Models. Endocrinology, 2014, 155, 2133-2143.	2.8	42
35	Insulin and BMI as Predictors of Adult Type 2 Diabetes Mellitus. Pediatrics, 2015, 135, e144-e151.	2.1	42
36	Childhood Socioeconomic Status in Predicting Metabolic Syndrome and Glucose Abnormalities in Adulthood: The Cardiovascular Risk in Young Finns Study. Diabetes Care, 2016, 39, 2311-2317.	8.6	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.	2.8	41
38	Characterisation of morbidity in a UK, hospital based, obesity clinic. Archives of Disease in Childhood, 2005, 91, 126-130.	1.9	40
39	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. Trends in Endocrinology and Metabolism, 2020, 31, 378-389.	7.1	40
40	The Impact of Timing of Introduction of Solids on Infant Body Mass Index. Journal of Pediatrics, 2016, 179, 104-110.e1.	1.8	39
41	Body mass index in ambulatory children with cerebral palsy: A cohort study. Journal of Paediatrics and Child Health, 2016, 52, 417-421.	0.8	38
42	Utility of Different Blood Pressure Measurement Components in Childhood to Predict Adult Carotid Intima-Media Thickness. Hypertension, 2019, 73, 335-341.	2.7	38
43	Body Mass Index From Early to Late Childhood and Cardiometabolic Measurements at 11 to 12 Years. Pediatrics, 2020, 146, .	2.1	37
44	IGFBP-2 inhibits adipogenesis and lipogenesis in human visceral, but not subcutaneous, adipocytes. International Journal of Obesity, 2015, 39, 770-781.	3.4	35
45	Early childhood hospitalisation with infection and subclinical atherosclerosis in adulthood: The Cardiovascular Risk in Young Finns Study. Atherosclerosis, 2015, 239, 496-502.	0.8	33
46	Viewpoint article: Childhood obesity â€“ looking back over 50 years to begin to look forward. Journal of Paediatrics and Child Health, 2015, 51, 82-86.	0.8	33
47	Non-HDL Cholesterol Levels in Childhood and Carotid Intima-Media Thickness in Adulthood. Pediatrics, 2020, 145, .	2.1	32
48	Adipogenesis and IGF-1. Metabolic Syndrome and Related Disorders, 2006, 4, 43-50.	1.3	31
49	Overgrowth syndromes. Current Opinion in Pediatrics, 2012, 24, 505-511.	2.0	31
50	Childhood Psychosocial Factors and Coronary Artery Calcification in Adulthood. JAMA Pediatrics, 2016, 170, 466.	6.2	31
51	Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. Pediatrics, 2016, 137, .	2.1	30
52	Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors. Obstetrical and Gynecological Survey, 2012, 67, 156-158.	0.4	28
53	Low vitamin D is associated with hypertension in paediatric obesity. Journal of Paediatrics and Child Health, 2015, 51, 1207-1213.	0.8	27
54	Evidence for Protein Leverage in Children and Adolescents with Obesity. Obesity, 2020, 28, 822-829.	3.0	26

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55	Infection-Related Hospitalization in Childhood and Adult Metabolic Outcomes. Pediatrics, 2015, 136, e554-e562.	2.1	25
56	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood. Hypertension, 2017, 70, 729-735.	2.7	24
57	Fatty liver index predicts incident risk of prediabetes, type 2 diabetes and non-alcoholic fatty liver disease (NAFLD). Annals of Medicine, 2021, 53, 1257-1265.	3.8	24
58	How training affects Australian paediatricians' management of obesity. Archives of Disease in Childhood, 2013, 98, 3-8.	1.9	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. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 332-335.	3.6	22
60	Childhood metabolic syndrome, inflammation and carotid intima-media thickness. The Aboriginal Birth Cohort Study. International Journal of Cardiology, 2016, 203, 32-36.	1.7	22
61	Sex and puberty-related differences in metabolomic profiles associated with adiposity measures in youth with obesity. Metabolomics, 2019, 15, 75.	3.0	21
62	New directions in childhood obesity research: how a comprehensive biorepository will allow better prediction of outcomes. BMC Medical Research Methodology, 2010, 10, 100.	3.1	20
63	Adult dyslipidemia prediction is improved by repeated measurements in childhood and young adulthood. The Cardiovascular Risk in Young Finns Study. Atherosclerosis, 2015, 239, 350-357.	0.8	20
64	IGFBP-2 at the interface of growth and metabolism--implications for childhood obesity. Pediatric Endocrinology Reviews, 2011, 8, 382-93.	1.2	20
65	A shared-care model of obesity treatment for 3â€“10â€‰year old children: Protocol for the HopSCOTCH randomised controlled trial. BMC Pediatrics, 2012, 12, 39.	1.7	19
66	Both youth and long-term vitamin D status is associated with risk of type 2 diabetes mellitus in adulthood: a cohort study. Annals of Medicine, 2018, 50, 74-82.	3.8	19
67	Predicting overweight and obesity in young adulthood from childhood body-mass index: comparison of cutoffs derived from longitudinal and cross-sectional data. The Lancet Child and Adolescent Health, 2019, 3, 795-802.	5.6	19
68	Dietary nano-chromium tripicolinate increases feed intake and decreases plasma cortisol in finisher gilts during summer. Tropical Animal Health and Production, 2014, 46, 1483-1489.	1.4	18
69	High perceived social support protects against the intergenerational transmission of obesity: The Cardiovascular Risk in Young Finns Study. Preventive Medicine, 2016, 90, 79-85.	3.4	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. Diabetes Care, 2016, 39, 1393-1399.	8.6	17
71	Neighbourhood socioeconomic circumstances, adiposity and cardiometabolic risk measures in children with severe obesity. Obesity Research and Clinical Practice, 2019, 13, 345-351.	1.8	17
72	Higher Maternal Body Mass Index Is Associated with an Increased Risk for Later Type 2 Diabetes in Offspring. Journal of Pediatrics, 2013, 162, 918-923.e1.	1.8	16

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73	Precocious puberty in Turner syndrome. Journal of Paediatrics and Child Health, 2007, 43, 776-778.	0.8	15
74	Obesity during childhood is associated with higher cancer mortality rate during adulthood: the i3C Consortium. International Journal of Obesity, 2022, 46, 393-399.	3.4	14
75	Depot-specific effects of fatty acids on lipid accumulation in childrenâ€™s adipocytes. Biochemical and Biophysical Research Communications, 2007, 361, 356-361.	2.1	13
76	Bayesian hierarchical piecewise regression models: a tool to detect trajectory divergence between groups in long-term observational studies. BMC Medical Research Methodology, 2017, 17, 86.	3.1	13
77	Dietary Monounsaturated Fat in Early Life Regulates IGFBP2: Implications for Fat Mass Accretion and Insulin Sensitivity. Obesity, 2011, 19, 2374-2381.	3.0	12
78	Monitoring height and weight: Findings from a developmental paediatric service. Journal of Paediatrics and Child Health, 2013, 49, 1063-1068.	0.8	12
79	Natural BMI Reductions and Overestimation of Obesity Trial Effectiveness. Pediatrics, 2015, 135, e292-e295.	2.1	12
80	Long term risk of severe retinopathy in childhoodâ€onset type 1 diabetes: a data linkage study. Medical Journal of Australia, 2017, 206, 398-401.	1.7	11
81	Longitudinal analysis of risk of nonâ€alcoholic fatty liver disease in adulthood. Liver International, 2019, 39, 1147-1154.	3.9	11
82	Time spent watching television impacts on body mass index in youth with obesity, but only in those with shortest sleep duration. Journal of Paediatrics and Child Health, 2020, 56, 721-726.	0.8	11
83	Childhood and Adulthood Passive Smoking and Nonalcoholic Fatty Liver in Midlife: A 31-year Cohort Study. American Journal of Gastroenterology, 2021, 116, 1256-1263.	0.4	11
84	Elevated glucose concentrations during an oral glucose tolerance test are associated with the presence of metabolic syndrome in childhood obesity. Diabetic Medicine, 2008, 25, 289-295.	2.3	10
85	An observational study of type 2 diabetes within a large Australian tertiary hospital pediatric diabetes service. Pediatric Diabetes, 2010, 11, 544-551.	2.9	10
86	Early clinical markers of overweight/obesity onset and resolution by adolescence. International Journal of Obesity, 2020, 44, 82-93.	3.4	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. International Journal of Obesity, 2020, 44, 1733-1742.	3.4	10
88	Positive Psychosocial Factors in Childhood Predicting Lower Risk for Adult Type 2 Diabetes: The Cardiovascular Risk in Young Finns Study, 1980â€“2012. American Journal of Preventive Medicine, 2017, 52, e157-e164.	3.0	9
89	Age-Specific Estimates and Comparisons of Youth Tri-Ponderal Mass Index and Body Mass Index in Predicting Adult Obesity-Related Outcomes. Journal of Pediatrics, 2020, 218, 198-203.e6.	1.8	9
90	The role of pharmacotherapy in the prevention and treatment of paediatric metabolic syndrome â€“ Implications for long-term health. Pharmacological Research, 2012, 65, 397-401.	7.1	8

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91	Maternal inheritance of BDNF deletion, with phenotype of obesity and developmental delay in mother and child. American Journal of Medical Genetics, Part A, 2018, 176, 194-200.	1.2	8
92	Psychosocial measures and weight change in a clinical paediatric population with obesity. Quality of Life Research, 2019, 28, 1555-1564.	3.1	7
93	Youth and Long-Term Dietary Calcium Intake With Risk of Impaired Glucose Metabolism and Type 2 Diabetes in Adulthood. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2067-2074.	3.6	7
94	Childhood and long-term dietary calcium intake and adult cardiovascular risk in a population with high calcium intake. Clinical Nutrition, 2021, 40, 1926-1931.	5.0	7
95	Reactive pituitary hyperplasia associated with paediatric primary hypothyroidism. Journal of Paediatrics and Child Health, 2013, 49, 421-422.	0.8	6
96	Where should we measure waist circumference in clinically overweight and obese youth?. Journal of Paediatrics and Child Health, 2014, 50, 519-524.	0.8	6
97	The Association Between Social Support, Body Mass Index and Increased Risk of Prediabetes: the Cardiovascular Risk in Young Finns Study. International Journal of Behavioral Medicine, 2017, 24, 161-170.	1.7	6
98	Attainment of Targets of the 20-Year Infancy-Onset Dietary Intervention and Blood Pressure Across Childhood and Young Adulthood. Hypertension, 2020, 76, 1572-1579.	2.7	6
99	Dietary Pattern Trajectories from Youth to Adulthood and Adult Risk of Impaired Fasting Glucose: A 31-year Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2078-e2086.	3.6	6
100	Type 1 diabetes--still the commonest form of diabetes in children. Australian Family Physician, 2009, 38, 695-7.	0.5	6
101	Site-specific differences of insulin action in adipose tissue derived from normal prepubertal children. Experimental Cell Research, 2005, 308, 469-478.	2.6	5
102	Increased Body Mass Index in Parent-Child Dyads Predicts the Offspring Risk of Meeting Bariatric Surgery Criteria. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4257-4263.	3.6	5
103	Cardiovascular Risk and Events and Country Income Stratum. New England Journal of Medicine, 2015, 372, 288-290.	27.0	4
104	Turner syndrome patients with bicuspid aortic valves and renal malformations exhibit abnormal expression of X-linked inhibitor of apoptosis protein (XIAP). Journal of Pediatric Endocrinology and Metabolism, 2015, 28, 1203-8.	0.9	4
105	Does high optimism protect against the inter-generational transmission of high BMI? The Cardiovascular Risk in Young Finns Study. Journal of Psychosomatic Research, 2017, 100, 61-64.	2.6	4
106	Association of Body Mass Index in Youth With Adult Cardiometabolic Risk. Journal of the American Heart Association, 2020, 9, e015288.	3.7	4
107	Modest decrease in severity of obesity in adolescence associates with low arterial stiffness. Atherosclerosis, 2021, 335, 23-30.	0.8	4
108	Lower grip strength in youth with obesity identifies those with increased cardiometabolic risk. Obesity Research and Clinical Practice, 2020, 14, 286-289.	1.8	4

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109	Youth to adult body mass index trajectories as a predictor of metabolically healthy obesity in adulthood. European Journal of Public Health, 2020, 30, 195-199.	0.3	3
110	Nano Chromium Picolinate Improves Gene Expression Associated with Insulin Signaling in Porcine Skeletal Muscle and Adipose Tissue. Animals, 2020, 10, 1685.	2.3	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. International Journal of Obesity, 2022, 46, 646-654.	3.4	2
112	When does severe childhood obesity become a child protection issue?. Medical Journal of Australia, 2009, 190, 653-655.	1.7	1
113	Predicting risk of later obesity from the first day of life. Nature Reviews Endocrinology, 2013, 9, 136-138.	9.6	1
114	Obesity in Developing Countries. , 2013, , 135-158.		1
115	Influences of Childhood Obesity on Pubertal Development. Pediatric and Adolescent Medicine, 2015, , 110-125.	0.4	0
116	1145Obesity-related changes in metabolomic profiles in youth. International Journal of Epidemiology, 2021, 50, .	1.9	0