Costan G Magnussen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

222 papers	6,473 citations	43 h-index	74 g-index
236 ext. papers	7,965 ext. citations	5.5 avg, IF	5.61 L-index

#	Paper	IF	Citations
222	Childhood adiposity, adult adiposity, and cardiovascular risk factors. *New England Journal of Medicine*, **2011**, 365, 1876-85	59.2	992
221	Tracking of serum lipid levels, blood pressure, and body mass index from childhood to adulthood: the Cardiovascular Risk in Young Finns Study. *Journal of Pediatrics*, **2011**, 159, 584-90	3.6	338
220	Influence of age on associations between childhood risk factors and carotid intima-media thickness in adulthood: the Cardiovascular Risk in Young Finns Study, the Childhood Determinants of Adult Health Study, the Bogalusa Heart Study, and the Muscatine Study for the International Childhood Cardiovascular Cohort (i3C) Consortium. *Circulation*, **2010**, 122, 2514-20	16.7	231
219	Pediatric metabolic syndrome predicts adulthood metabolic syndrome, subclinical atherosclerosis, and type 2 diabetes mellitus but is no better than body mass index alone: the Bogalusa Heart Study and the Cardiovascular Risk in Young Finns Study. *Circulation*, **2010**, 122, 1604-11	16.7	200
218	Ideal cardiovascular health in childhood and cardiometabolic outcomes in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2012**, 125, 1971-8	16.7	189
217	Combined effects of child and adult elevated blood pressure on subclinical atherosclerosis: the International Childhood Cardiovascular Cohort Consortium. *Circulation*, **2013**, 128, 217-24	16.7	172
216	The association of pediatric low- and high-density lipoprotein cholesterol dyslipidemia classifications and change in dyslipidemia status with carotid intima-media thickness in adulthood evidence from the cardiovascular risk in Young Finns study, the Bogalusa Heart study, and the CDAH (Childhood Determinants of Adult Health) study. *Journal of the American College of*	15.1	133
215	Adolescence risk factors are predictive of coronary artery calcification at middle age: the cardiovascular risk in young Finns study. *Journal of the American College of Cardiology*, **2012**, 60, 1364-70	15.1	109
214	Utility of currently recommended pediatric dyslipidemia classifications in predicting dyslipidemia in adulthood: evidence from the Childhood Determinants of Adult Health (CDAH) study, Cardiovascular Risk in Young Finns Study, and Bogalusa Heart Study. *Circulation*, **2008**, 117, 32-42	16.7	109
213	Decline in physical fitness from childhood to adulthood associated with increased obesity and insulin resistance in adults. *Diabetes Care*, **2009**, 32, 683-7	14.6	93
212	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. *European Heart Journal*, **2012**, 33, 2307-16	9.5	92
211	Socioeconomic position and the tracking of physical activity and cardiorespiratory fitness from childhood to adulthood. *American Journal of Epidemiology*, **2009**, 170, 1069-77	3.8	89
210	Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk. *European Heart Journal*, **2018**, 39, 2263-2270	9.5	86
209	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. *Journal of the American College of Cardiology*, **2012**, 60, 1631-9	15.1	85
208	Childhood physical, environmental, and genetic predictors of adult hypertension: the cardiovascular risk in young Finns study. *Circulation*, **2012**, 126, 402-9	16.7	83
207	Does childhood nutrition influence adult cardiovascular disease risk?--insights from the Young Finns Study. *Annals of Medicine*, **2013**, 45, 120-8	1.5	82
206	Cohort Profile: the international childhood cardiovascular cohort (i3C) consortium. *International Journal of Epidemiology*, **2013**, 42, 86-96	7.8	81

205	Factors Affecting Tracking of Blood Pressure from Childhood to Adulthood: The Childhood Determinants of Adult Health Study. *Journal of Pediatrics*, **2015**, 167, 1422-8.e2	3.6	79
204	Workplace physical activity interventions: a systematic review. *American Journal of Health Promotion*, **2013**, 27, e113-23	2.5	77
203	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,	6	71
202	Predictive associations between alternative measures of childhood adiposity and adult cardio-metabolic health. *International Journal of Obesity*, **2011**, 35, 38-45	5.5	69
201	Arterial structure and function after recovery from the metabolic syndrome: the cardiovascular risk in Young Finns Study. *Circulation*, **2010**, 121, 392-400	16.7	63
200	Parental smoking in childhood and brachial artery flow-mediated dilatation in young adults: the Cardiovascular Risk in Young Finns study and the Childhood Determinants of Adult Health study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 1024-31	9.4	59
199	Childhood environmental and genetic predictors of adulthood obesity: the cardiovascular risk in young Finns study. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1542-9	5.6	58
198	Childhood fitness reduces the long-term cardiometabolic risks associated with childhood obesity. *International Journal of Obesity*, **2016**, 40, 1134-40	5.5	55
197	Association of physical activity in childhood and early adulthood with carotid artery elasticity 21 years later: the cardiovascular risk in Young Finns Study. *Journal of the American Heart Association*, **2014**, 3, e000594	6	54
196	Exposure to parental smoking in childhood is associated with increased risk of carotid atherosclerotic plaque in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2015** , 131, 1239-46	16.7	53
195	Cardiovascular risk factors in 2011 and secular trends since 2007: the Cardiovascular Risk in Young Finns Study. *Scandinavian Journal of Public Health*, **2014**, 42, 563-71	3	53
194	Metabolic syndrome from adolescence to early adulthood: effect of infancy-onset dietary counseling of low saturated fat: the Special Turku Coronary Risk Factor Intervention Project (STRIP). *Circulation*, **2015**, 131, 605-13	16.7	52
193	Childhood Muscular Fitness Phenotypes and Adult Metabolic Syndrome. *Medicine and Science in Sports and Exercise*, **2016**, 48, 1715-22	1.2	52
192	Recommended physical activity and all cause and cause specific mortality in US adults: prospective cohort study. *BMJ, The*, **2020**, 370, m2031	5.9	51
191	Exposure to parental smoking in childhood or adolescence is associated with increased carotid intima-media thickness in young adults: evidence from the Cardiovascular Risk in Young Finns study and the Childhood Determinants of Adult Health Study. *European Heart Journal*, **2014**, 35, 2484-91	9.5	51
190	Ideal cardiovascular health in young adult populations from the United States, Finland, and Australia and its association with cIMT: the International Childhood Cardiovascular Cohort Consortium. *Journal of the American Heart Association*, **2013**, 2, e000244	6	51
189	Childhood nutrition in predicting metabolic syndrome in adults: the cardiovascular risk in Young Finns Study. *Diabetes Care*, **2012**, 35, 1937-43	14.6	51
188	When to prevent cardiovascular disease? As early as possible: lessons from prospective cohorts beginning in childhood. *Current Opinion in Cardiology*, **2013**, 28, 561-8	2.1	50

187	Childhood lifestyle and clinical determinants of adult ideal cardiovascular health: the Cardiovascular Risk in Young Finns Study, the Childhood Determinants of Adult Health Study, the Princeton Follow-Up Study. *International Journal of Cardiology*, **2013**, 169, 126-32	3.2	49
186	Repeated Blood Pressure Measurements in Childhood in Prediction of Hypertension in Adulthood. *Hypertension*, **2016**, 67, 41-7	8.5	48
185	Tracking of muscular strength and power from youth to young adulthood: Longitudinal findings from the Childhood Determinants of Adult Health Study. *Journal of Science and Medicine in Sport*, **2017**, 20, 927-931	4.4	47
184	Elevated Blood Pressure in Childhood or Adolescence and Cardiovascular Outcomes in Adulthood: A Systematic Review. *Hypertension*, **2020**, 75, 948-955	8.5	47
183	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, 186-91	3.2	46
182	Renin-angiotensin-system, a potential pharmacological candidate, in acute respiratory distress syndrome during mechanical ventilation. *Pulmonary Pharmacology and Therapeutics*, **2019**, 58, 101833	3.5	46
181	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, 1870-7	14.6	45
180	Muscular fitness and clustered cardiovascular disease risk in Australian youth. *European Journal of Applied Physiology*, **2012**, 112, 3167-71	3.4	44
179	Effect of birth weight on life-course blood pressure levels among children born premature: the Cardiovascular Risk in Young Finns Study. *Journal of Hypertension*, **2015**, 33, 1542-8	1.9	41
178	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, 1469-76	5.6	39
177	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.e1-3	3.6	39
176	Relation of total and free testosterone and sex hormone-binding globulin with cardiovascular risk factors in men aged 24-45 years. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2012**, 222, 257-62	3.1	39
175	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. *Circulation*, **2018**, 137, 1246-1255	16.7	38
174	Simplified definitions of elevated pediatric blood pressure and high adult arterial stiffness. *Pediatrics*, **2013**, 132, e70-6	7.4	38
173	Genotype prediction of adult type 2 diabetes from adolescence in a multiracial population. *Pediatrics*, **2012**, 130, e1235-42	7.4	37
172	Resting heart rate and the association of physical fitness with carotid artery stiffness. *American Journal of Hypertension*, **2014**, 27, 65-71	2.3	36
171	BMI Trajectories Associated With Resolution of Elevated Youth BMI and Incident Adult Obesity. *Pediatrics*, **2018**, 141,	7.4	35
170	A longitudinal analysis on associations of adiponectin levels with metabolic syndrome and carotid artery intima-media thickness. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2011**, 217, 234-9	3.1	35

169	Conventional and Mendelian randomization analyses suggest no association between lipoprotein(a) and early atherosclerosis: the Young Finns Study. *International Journal of Epidemiology*, **2011**, 40, 470-8	7.8	35
168	Insulin and BMI as predictors of adult type 2 diabetes mellitus. *Pediatrics*, **2015**, 135, e144-51	7.4	33
167	Factors affecting the stability of blood lipid and lipoprotein levels from youth to adulthood: evidence from the Childhood Determinants of Adult Health Study. *JAMA Pediatrics*, **2011**, 165, 68-76		33
166	Reliability and validity of the global physical activity questionnaire in Vietnam. *Journal of Physical Activity and Health*, **2010**, 7, 410-8	2.5	32
165	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	14.6	31
164	Socioeconomic status, cardiovascular risk factors, and subclinical atherosclerosis in young adults: the cardiovascular risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012** , 32, 815-21	9.4	30
163	Metabolic syndrome and carotid intima-media thickness in young adults: roles of apolipoprotein B, apolipoprotein A-I, C-reactive protein, and secretory phospholipase A2: the cardiovascular risk in young Finns study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1861-6	9.4	29
162	Daily steps among Finnish adults: variation by age, sex, and socioeconomic position. *Scandinavian Journal of Public Health*, **2011**, 39, 669-77	3	29
161	Childhood cardiorespiratory fitness, muscular fitness and adult measures of glucose homeostasis. *Journal of Science and Medicine in Sport*, **2018**, 21, 935-940	4.4	28
160	Effect of age, gender and cardiovascular risk factors on carotid distensibility during 6-year follow-up. The cardiovascular risk in Young Finns study. *Atherosclerosis*, **2012**, 224, 474-9	3.1	28
159	Early childhood hospitalisation with infection and subclinical atherosclerosis in adulthood: the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2015**, 239, 496-502	3.1	27
158	Metabolically Healthy Obesity and High Carotid Intima-Media Thickness in Children and Adolescents: International Childhood Vascular Structure Evaluation Consortium. *Diabetes Care*, **2019**, 42, 119-125	14.6	27
157	Development of hypertension in overweight adolescents: a review. *Adolescent Health, Medicine and Therapeutics*, **2015**, 6, 171-87	2.7	26
156	Utility of Different Blood Pressure Measurement Components in Childhood to Predict Adult Carotid Intima-Media Thickness. *Hypertension*, **2019**, 73, 335-341	8.5	26
155	When and how to start prevention of atherosclerosis? Lessons from the Cardiovascular Risk in the Young Finns Study and the Special Turku Coronary Risk Factor Intervention Project. *Pediatric Nephrology*, **2012**, 27, 1441-52	3.2	25
154	The importance of waist circumference and body mass index in cross-sectional relationships with risk of cardiovascular disease in Vietnam. *PLoS ONE*, **2018**, 13, e0198202	3.7	24
153	Longitudinal investigation of adenovirus 36 seropositivity and human obesity: the Cardiovascular Risk in Young Finns Study. *International Journal of Obesity*, **2015**, 39, 1644-50	5.5	22
152	Childhood Psychosocial Factors and Coronary Artery Calcification in Adulthood: The Cardiovascular Risk in Young Finns Study. *JAMA Pediatrics*, **2016**, 170, 466-72	8.3	22

151	Low vitamin D is associated with hypertension in paediatric obesity. *Journal of Paediatrics and Child Health*, **2015**, 51, 1207-13	1.3	22
150	International Waist Circumference Percentile Cutoffs for Central Obesity in Children and Adolescents Aged 6 to 18 Years. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	22
149	Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. *Pediatrics*, **2016**, 137,	7.4	22
148	Evaluating the use of a portable ultrasound machine to quantify intima-media thickness and flow-mediated dilation: agreement between measurements from two ultrasound machines. *Ultrasound in Medicine and Biology*, **2006**, 32, 1323-9	3.5	21
147	Rapidly increasing prevalence of overweight and obesity in older Ghanaian adults from 2007-2015: Evidence from WHO-SAGE Waves 1 & 2. *PLoS ONE*, **2019**, 14, e0215045	3.7	20
146	The Combined Effect of Common Genetic Risk Variants on Circulating Lipoproteins Is Evident in Childhood: A Longitudinal Analysis of the Cardiovascular Risk in Young Finns Study. *PLoS ONE*, **2016** , 11, e0146081	3.7	20
145	The great leap backward: changes in the jumping performance of Australian children aged 11-12-years between 1985 and 2015. *Journal of Sports Sciences*, **2019**, 37, 748-754	3.6	20
144	Infection-Related Hospitalization in Childhood and Adult Metabolic Outcomes. *Pediatrics*, **2015**, 136, e554-62	7.4	19
143	Pediatric Blood Pressure and Adult Preclinical Markers of Cardiovascular Disease. *Clinical Medicine Insights Blood Disorders*, **2016**, 9, 1-8	2	19
142	Success in Achieving the Targets of the 20-Year Infancy-Onset Dietary Intervention: Association With Insulin Sensitivity and Serum Lipids. *Diabetes Care*, **2018**, 41, 2236-2244	14.6	19
141	Relative contributions of adiposity in childhood and adulthood to vascular health of young adults. *Atherosclerosis*, **2013**, 228, 259-64	3.1	19
140	Coronary heart disease risk factors, coronary artery calcification and epicardial fat volume in the Young Finns Study. *European Heart Journal Cardiovascular Imaging*, **2015**, 16, 1256-63	4.1	19
139	The cross-sectional association of sitting time with carotid artery stiffness in young adults. *BMJ Open*, **2014**, 4, e004384	3	19
138	Parental smoking produces long-term damage to vascular function in their children. *Current Opinion in Cardiology*, **2013**, 28, 569-74	2.1	19
137	Association of liver enzymes with metabolic syndrome and carotid atherosclerosis in young adults. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2012**, 44, 187-95	1.5	17
136	An age- and sex-specific dietary guidelines index is a valid measure of diet quality in an Australian cohort during youth and adulthood. *Nutrition Research*, **2019**, 65, 43-53	4	16
135	Childhood socioeconomic status and lifetime health behaviors: The Young Finns Study. *International Journal of Cardiology*, **2018**, 258, 289-294	3.2	16
134	What the Long Term Cohort Studies that Began in Childhood Have Taught Us about the Origins of Coronary Heart Disease. *Current Cardiovascular Risk Reports*, **2014**, 8, 1	0.9	16

133	Increasing stair usage in a professional workplace: a test of the efficacy of positive and negative message prompts to change pedestrian choices. *Health Promotion Journal of Australia*, **2008**, 19, 64-7	1.7	16
132	Ideal cardiovascular health in childhood-Longitudinal associations with cardiac structure and function: The Special Turku Coronary Risk Factor Intervention Project (STRIP) and the Cardiovascular Risk in Young Finns Study (YFS). *International Journal of Cardiology*, **2017**, 230, 304-309	3.2	15
131	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood: The Cardiovascular Risk in Young Finns Study. *Hypertension*, **2017**, 70, 729-735	8.5	15
130	Childhood risk factors and carotid atherosclerotic plaque in adulthood: The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2020**, 293, 18-25	3.1	15
129	Carotid artery intima-media thickness and hypertensive heart disease: a short review. *Clinical Hypertension*, **2017**, 23, 7	4.8	14
128	Physical Inactivity from Youth to Adulthood and Risk of Impaired Glucose Metabolism. *Medicine and Science in Sports and Exercise*, **2018**, 50, 1192-1198	1.2	14
127	Apolipoprotein B, oxidized low-density lipoprotein, and LDL particle size in predicting the incidence of metabolic syndrome: the Cardiovascular Risk in Young Finns study. *European Journal of Preventive Cardiology*, **2012**, 19, 1296-303	3.9	14
126	Non-HDL Cholesterol Levels in Childhood and Carotid Intima-Media Thickness in Adulthood. *Pediatrics*, **2020**, 145,	7.4	14
125	Neighbourhood socioeconomic circumstances, adiposity and cardiometabolic risk measures in children with severe obesity. *Obesity Research and Clinical Practice*, **2019**, 13, 345-351	5.4	13
124	Smoking and Physical Activity Trajectories from Childhood to Midlife. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	13
123	Determinants of serum 25(OH)D concentration in young and middle-aged adults. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2015**, 47, 253-62	1.5	13
122	Impact of adiposity on cardiac structure in adult life: the Childhood Determinants of Adult Health (CDAH) study. *BMC Cardiovascular Disorders*, **2014**, 14, 79	2.3	13
121	Higher maternal body mass index is associated with an increased risk for later type 2 diabetes in offspring. *Journal of Pediatrics*, **2013**, 162, 918-23.e1	3.6	13
120	Adult dyslipidemia prediction is improved by repeated measurements in childhood and young adulthood. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2015**, 239, 350-7	3.1	13
119	Cardiovascular risk scores in the prediction of subclinical atherosclerosis in young adults: evidence from the cardiovascular risk in a young Finns study. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2010**, 17, 549-55		13
118	Life-course risk factor levels and coronary artery calcification. The Cardiovascular Risk in Young Finns Study. *International Journal of Cardiology*, **2016**, 225, 23-29	3.2	13
117	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	1.5	13
116	Association of Youth Triponderal Mass Index vs Body Mass Index With Obesity-Related Outcomes in Adulthood. *JAMA Pediatrics*, **2018**, 172, 1192-1195	8.3	13

115	Vigorous physical activity and carotid distensibility in young and mid-aged adults. *Hypertension Research*, **2015**, 38, 355-60	4.7	12
114	Body Mass Index From Early to Late Childhood and Cardiometabolic Measurements at 11 to 12 Years. *Pediatrics*, **2020**, 146,	7.4	12
113	Effects of 20-year infancy-onset dietary counselling on cardiometabolic risk factors in the Special Turku Coronary Risk Factor Intervention Project (STRIP): 6-year post-intervention follow-up. *The Lancet Child and Adolescent Health*, **2020**, 4, 359-369	14.5	11
112	Convergent Validity of a Physical Activity Questionnaire against Objectively Measured Physical Activity in Adults: The Cardiovascular Risk in Young Finns Study. *Advances in Physical Education*, **2017**, 07, 457-472	0.5	11
111	Socioeconomic Position Is Associated With Carotid Intima-Media Thickness in Mid-Childhood: The Longitudinal Study of Australian Children. *Journal of the American Heart Association*, **2017**, 6,	6	10
110	Exposure to Parental Smoking in Childhood is Associated with High C-Reactive Protein in Adulthood: The Cardiovascular Risk in Young Finns Study. *Journal of Atherosclerosis and Thrombosis*, **2017**, 24, 1231-1241	4	10
109	Physical inactivity from youth to adulthood and adult cardiometabolic risk profile. *Preventive Medicine*, **2021**, 145, 106433	4.3	10
108	Tracking of noninvasive ultrasound measurements of subclinical atherosclerosis in adulthood: findings from the Cardiovascular Risk in Young Finns Study. *Ultrasound in Medicine and Biology*, **2010**, 36, 1237-44	3.5	9
107	Prediction of Adult Dyslipidemia Using Genetic and Childhood Clinical Risk Factors: The Cardiovascular Risk in Young Finns Study. *Circulation: Cardiovascular Genetics*, **2017**, 10,		8
106	The contribution of childhood cardiorespiratory fitness and adiposity to inflammation in young adults. *Obesity*, **2014**, 22, 2598-605	8	8
105	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	4.7	8
104	Use of B-mode ultrasound to examine preclinical markers of atherosclerosis: image quality may bias associations between adiposity and measures of vascular structure and function. *Journal of Ultrasound in Medicine*, **2011**, 30, 363-9	2.9	8
103	Longitudinal analysis of risk of non-alcoholic fatty liver disease in adulthood. *Liver International*, **2019**, 39, 1147-1154	7.9	8
102	Weight change from childhood to adulthood and cardiovascular risk factors and outcomes in adulthood: A systematic review of the literature. *Obesity Reviews*, **2021**, 22, e13138	10.6	8
101	Childhood Exposure to Passive Smoking and Bone Health in Adulthood: The Cardiovascular Risk in Young Finns Study. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2403-2411	5.6	7
100	Psychological distress and mortality among US adults: prospective cohort study of 330 367 individuals. *Journal of Epidemiology and Community Health*, **2020**, 74, 384-390	5.1	7
99	Annual transition probabilities of overweight and obesity in older adults: Evidence from World Health Organization Study on global AGEing and adult health. *Social Science and Medicine*, **2020**, 247, 112821	5.1	7
98	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. *Pharmacological Research*, **2012**, 65, 397-401	10.2	7

97	Trends in hypertension prevalence, awareness, treatment and control rates among Chinese adults, 1991-2015. *Journal of Hypertension*, **2021**, 39, 740-748	1.9	7
96	Health service utilization and direct healthcare costs associated with obesity in older adult population in Ghana. *Health Policy and Planning*, **2020**, 35, 199-209	3.4	7
95	The role of intergenerational educational mobility and household wealth in adult obesity: Evidence from Wave 2 of the World Health Organization's Study on global AGEing and adult health. *PLoS ONE*, **2019**, 14, e0208491	3.7	7
94	Early clinical markers of overweight/obesity onset and resolution by adolescence. *International Journal of Obesity*, **2020**, 44, 82-93	5.5	7
93	Factors associated with muscular fitness phenotypes in Australian children: A cross-sectional study. *Journal of Sports Sciences*, **2020**, 38, 38-45	3.6	7
92	Childhood Exposure to Parental Smoking and Midlife Cognitive Function. *American Journal of Epidemiology*, **2020**, 189, 1280-1291	3.8	6
91	Long term risk of severe retinopathy in childhood-onset type 1 diabetes: a data linkage study. *Medical Journal of Australia*, **2017**, 206, 398-401	4	6
90	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	1.3	6
89	The metabolomic signatures of alcohol consumption in young adults. *European Journal of Preventive Cardiology*, **2020**, 27, 840-849	3.9	6
88	Positive Psychosocial Factors in Childhood Predicting Lower Risk for Adult Type 2 Diabetes: The Cardiovascular Risk in Young Finns Study, 1980-2012. *American Journal of Preventive Medicine*, **2017** , 52, e157-e164	6.1	5
87	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, 4257-63	5.6	5
86	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	5.5	5
85	Predictive utility of childhood anthropometric measures on adult glucose homeostasis measures: a 20-year cohort study. *International Journal of Obesity*, **2018**, 42, 1762-1770	5.5	5
84	The association between muscular power from childhood to adulthood and adult measures of glucose homeostasis. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 1909-1916	4.6	5
83	Association of Socioeconomic Status in Childhood With Left Ventricular Structure and Diastolic Function in Adulthood: The Cardiovascular Risk in Young Finns Study. *JAMA Pediatrics*, **2017**, 171, 781-787	8.3	5
82	Family history of premature coronary heart disease, child cardio-metabolic risk factors and left ventricular mass. *Cardiology in the Young*, **2014**, 24, 938-40	1	5
81	Cleland et al. Respond to "Physical Activity Over the Life Course". *American Journal of Epidemiology*, **2009**, 170, 1082-1083	3.8	5
80	Muscular strength across the life course: The tracking and trajectory patterns of muscular strength between childhood and mid-adulthood in an Australian cohort. *Journal of Science and Medicine in Sport*, **2021**, 24, 696-701	4.4	5

79	Intraoperative Flurbiprofen Treatment Alters Immune Checkpoint Expression in Patients Undergoing Elective Thoracoscopic Resection of Lung Cancer. *Medical Principles and Practice*, **2020**, 29, 150-159	2.1	5
78	Global prevalence of WHO infant feeding practices in 57 LMICs in 2010-2018 and time trends since 2000 for 44 LMICs. *EClinicalMedicine*, **2021**, 37, 100971	11.3	5
77	Health-Related Criterion-Referenced Cut-Points for Musculoskeletal Fitness Among Youth: A Systematic Review. *Sports Medicine*, **2021**, 51, 2629-2646	10.6	5
76	Associations of partnering transition and socioeconomic status with a four-year change in daily steps among Finnish adults. *Scandinavian Journal of Public Health*, **2019**, 47, 722-729	3	4
75	DHA mediates the protective effect of fish consumption on new episodes of depression among women. *British Journal of Nutrition*, **2017**, 118, 743-749	3.6	4
74	Effectiveness of a puppet show on iodine knowledge, attitudes and behaviour of elementary students and the indirect effects on their parents and households in Ho Chi Minh City: a pilot study. *Public Health*, **2010**, 124, 538-41	4	4
73	The "Goldilocks Day" for Children's Skeletal Health: Compositional Data Analysis of 24-Hour Activity Behaviors. *Journal of Bone and Mineral Research*, **2020**, 35, 2393-2403	6.3	4
72	Impact of overweight and obesity on life expectancy, quality-adjusted life years and lifetime costs in the adult population of Ghana. *BMJ Global Health*, **2020**, 5,	6.6	4
71	Association of Non-High-Density Lipoprotein Cholesterol Measured in Adolescence, Young Adulthood, and Mid-Adulthood With Coronary Artery Calcification Measured in Mid-Adulthood. *JAMA Cardiology*, **2021**, 6, 661-668	16.2	4
70	Coronary heart disease risk factor levels in eastern and western Finland from 1980 to 2011 in the cardiovascular risk in Young Finns study. *Atherosclerosis*, **2019**, 280, 92-98	3.1	4
69	CVD risk factors and surrogate markers - Urban-rural differences. *Scandinavian Journal of Public Health*, **2020**, 48, 752-761	3	4
68	Childhood adiposity, adult adiposity, and the ACE gene insertion/deletion polymorphism: evidence of gene-environment interaction effects on adult blood pressure and hypertension status in adulthood. *Journal of Hypertension*, **2018**, 36, 2168-2176	1.9	4
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