Markus Juonala

List of Publications by Citations

353 papers	13,384 citations	56 h-index	103 g-index
372 ext. papers	15,974 ext. citations	5.8 avg, IF	5.88 L-index

#	Paper	IF	Citations
353	Cardiovascular risk factors in childhood and carotid artery intima-media thickness in adulthood: the Cardiovascular Risk in Young Finns Study. *JAMA - Journal of the American Medical Association*, **2003**, 290, 2277-83	27.4	1244
352	Childhood adiposity, adult adiposity, and cardiovascular risk factors. *New England Journal of Medicine*, **2011**, 365, 1876-85	59.2	992
351	Cohort profile: the cardiovascular risk in Young Finns Study. *International Journal of Epidemiology*, **2008**, 37, 1220-6	7.8	510
350	Interrelations between brachial endothelial function and carotid intima-media thickness in young adults: the cardiovascular risk in young Finns study. *Circulation*, **2004**, 110, 2918-23	16.7	353
349	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
348	Risk factors identified in childhood and decreased carotid artery elasticity in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2005**, 112, 1486-93	16.7	275
347	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
346	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
345	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
344	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
343	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
342	Life-time risk factors and progression of carotid atherosclerosis in young adults: the Cardiovascular Risk in Young Finns study. *European Heart Journal*, **2010**, 31, 1745-51	9.5	136
341	Childhood C-reactive protein in predicting CRP and carotid intima-media thickness in adulthood: the Cardiovascular Risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 1883-8	9.4	136
340	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
339	Effect of age and sex on carotid intima-media thickness, elasticity and brachial endothelial function in healthy adults: the cardiovascular risk in Young Finns Study. *European Heart Journal*, **2008**, 29, 1198-206	9.5	130
338	Conventional cardiovascular risk factors and metabolic syndrome in predicting carotid intima-media thickness progression in young adults: the cardiovascular risk in young Finns study. *Circulation*, **2009**, 120, 229-36	16.7	126
337	Childhood levels of serum apolipoproteins B and A-I predict carotid intima-media thickness and brachial endothelial function in adulthood: the cardiovascular risk in young Finns study. *Journal of the American College of Cardiology*, **2008**, 52, 293-9	15.1	114

336	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. *Cell Systems*, **2015**, 1, 293-301	10.6	113
335	Brachial artery flow-mediated dilation and asymmetrical dimethylarginine in the cardiovascular risk in young Finns study. *Circulation*, **2007**, 116, 1367-73	16.7	113
334	Childhood predictors of the metabolic syndrome in adulthood. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2008**, 40, 542-52	1.5	111
333	Ideal cardiovascular health in adolescence: effect of lifestyle intervention and association with vascular intima-media thickness and elasticity (the Special Turku Coronary Risk Factor Intervention Project for Children [STRIP] study). *Circulation*, **2013**, 127, 2088-96	16.7	110
332	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
331	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
330	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
329	Fetal growth and preterm birth influence cardiovascular risk factors and arterial health in young adults: the Cardiovascular Risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2975-81	9.4	103
328	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
327	Lifetime risk factors and arterial pulse wave velocity in adulthood: the cardiovascular risk in young Finns study. *Hypertension*, **2010**, 55, 806-11	8.5	101
326	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. *European Heart Journal*, **2012**, 33, 2307-16	9.5	92
325	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
324	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
323	Childhood physical, environmental, and genetic predictors of adult hypertension: the cardiovascular risk in young Finns study. *Circulation*, **2012**, 126, 402-9	16.7	83
322	Does childhood nutrition influence adult cardiovascular disease risk?--insights from the Young Finns Study. *Annals of Medicine*, **2013**, 45, 120-8	1.5	82
321	Cohort Profile: the international childhood cardiovascular cohort (i3C) consortium. *International Journal of Epidemiology*, **2013**, 42, 86-96	7.8	81
320	Elevated blood pressure in adolescent boys predicts endothelial dysfunction: the cardiovascular risk in young Finns study. *Hypertension*, **2006**, 48, 424-30	8.5	80
319	Serum L-homoarginine concentration is elevated during normal pregnancy and is related to flow-mediated vasodilatation. *Circulation Journal*, **2008**, 72, 1879-84	2.9	79

318	Arterial pulse wave velocity in relation to carotid intima-media thickness, brachial flow-mediated dilation and carotid artery distensibility: the Cardiovascular Risk in Young Finns Study and the Health 2000 Survey. *Atherosclerosis*, **2012**, 220, 387-93	3.1	77
317	Coronary artery disease-associated locus on chromosome 9p21 and early markers of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1679-83	9.4	77
316	Lifetime fruit and vegetable consumption and arterial pulse wave velocity in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2010**, 122, 2521-8	16.7	76
315	Associations of dyslipidemias from childhood to adulthood with carotid intima-media thickness, elasticity, and brachial flow-mediated dilatation in adulthood: the Cardiovascular Risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1012-7	9.4	74
314	Obesity in youth is not an independent predictor of carotid IMT in adulthood. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2006**, 185, 388-93	3.1	72
313	Lifecourse socioeconomic position, C-reactive protein, and carotid intima-media thickness in young adults: the cardiovascular risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 2197-202	9.4	72
312	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
311	Main findings from the prospective Cardiovascular Risk in Young Finns Study. *Current Opinion in Lipidology*, **2013**, 24, 57-64	4.4	70
310	Cumulative effect of psychosocial factors in youth on ideal cardiovascular health in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2015**, 131, 245-53	16.7	69
309	High birth weight is associated with obesity and increased carotid wall thickness in young adults: the cardiovascular risk in young Finns study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 1064-8	9.4	69
308	Association of Pathobiologic Determinants of Atherosclerosis in Youth risk score and 15-year change in risk score with carotid artery intima-media thickness in young adults (from the Cardiovascular Risk in Young Finns Study). *American Journal of Cardiology*, **2007**, 100, 1124-9	3	69
307	Job strain and early atherosclerosis: the Cardiovascular Risk in Young Finns study. *Psychosomatic Medicine*, **2005**, 67, 740-7	3.7	68
306	Depressive symptoms and carotid artery intima-media thickness in young adults: the Cardiovascular Risk in Young Finns Study. *Psychosomatic Medicine*, **2005**, 67, 561-7	3.7	68
305	Prospective relationship of change in ideal cardiovascular health status and arterial stiffness: the Cardiovascular Risk in Young Finns Study. *Journal of the American Heart Association*, **2014**, 3, e000532	6	66
304	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
303	Cardiovascular Risk Factors From Childhood and Midlife Cognitive Performance: The Young Finns Study. *Journal of the American College of Cardiology*, **2017**, 69, 2279-2289	15.1	60
302	Associations between serum uric acid and markers of subclinical atherosclerosis in young adults. The cardiovascular risk in Young Finns study. *Atherosclerosis*, **2012**, 223, 497-503	3.1	59
301	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

300	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
299	Pulse Wave Velocity Predicts the Progression of Blood Pressure and Development of Hypertension in Young Adults. *Hypertension*, **2018**, 71, 451-456	8.5	57
298	Long-term dietary patterns and carotid artery intima media thickness: the Cardiovascular Risk in Young Finns Study. *British Journal of Nutrition*, **2009**, 102, 1507-12	3.6	56
297	Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. *Diabetologia*, **2019**, 62, 2298-2309	10.3	54
296	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
295	Cross-sectional associations between physical activity and selected coronary heart disease risk factors in young adults. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2012**, 44, 733-44	4.5	54
294	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
293	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
292	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
291	Lifetime body mass index and later atherosclerosis risk in young adults: examining causal links using Mendelian randomization in the Cardiovascular Risk in Young Finns study. *European Heart Journal*, **2008**, 29, 2552-60	9.5	52
290	Neighbourhood socioeconomic disadvantage, risk factors, and diabetes from childhood to middle age in the Young Finns Study: a cohort study. *Lancet Public Health, The*, **2018**, 3, e365-e373	22.4	51
289	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
288	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
287	Metabolic syndrome in childhood and increased arterial stiffness in adulthood: the Cardiovascular Risk In Young Finns Study. *Annals of Medicine*, **2011**, 43, 312-9	1.5	51
286	Childhood nutrition in predicting metabolic syndrome in adults: the cardiovascular risk in Young Finns Study. *Diabetes Care*, **2012**, 35, 1937-43	14.6	51
285	Pregnancy-related hyperlipidemia and endothelial function in healthy women. *Circulation Journal*, **2006**, 70, 768-72	2.9	51
284	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. *Nature Communications*, **2017**, 8, 15805	17.4	50
283	Metabolic profiling of fatty liver in young and middle-aged adults: Cross-sectional and prospective analyses of the Young Finns Study. *Hepatology*, **2017**, 65, 491-500	11.2	50

282	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
281	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
280	Arterial structure and function in young adults with the metabolic syndrome: the Cardiovascular Risk in Young Finns Study. *European Heart Journal*, **2008**, 29, 784-91	9.5	49
279	Young adults with family history of coronary heart disease have increased arterial vulnerability to metabolic risk factors: the Cardiovascular Risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 1376-82	9.4	49
278	Repeated Blood Pressure Measurements in Childhood in Prediction of Hypertension in Adulthood. *Hypertension*, **2016**, 67, 41-7	8.5	48
277	Alcohol consumption is directly associated with carotid intima-media thickness in Finnish young adults: the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2009**, 204, e93-8	3.1	48
276	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
275	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
274	Relation of Blood Pressure in Childhood to Self-Reported Hypertension in Adulthood. *Hypertension*, **2019**, 73, 1224-1230	8.5	44
273	Genetic variants and blood pressure in a population-based cohort: the Cardiovascular Risk in Young Finns study. *Hypertension*, **2011**, 58, 1079-85	8.5	43
272	Assisted reproductive technologies are associated with limited epigenetic variation at birth that largely resolves by adulthood. *Nature Communications*, **2019**, 10, 3922	17.4	42
271	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
270	Soluble vascular adhesion protein-1 correlates with cardiovascular risk factors and early atherosclerotic manifestations. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 523-32	9.4	41
269	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
268	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
267	Influence of Child and Adult Elevated Blood Pressure on Adult Arterial Stiffness: The Cardiovascular Risk in Young Finns Study. *Hypertension*, **2017**, 70, 531-536	8.5	39
266	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
265	Fetal growth, omega-3 (n-3) fatty acids, and progression of subclinical atherosclerosis: preventing fetal origins of disease? The Cardiovascular Risk in Young Finns Study. *American Journal of Clinical Nutrition*, **2013**, 97, 58-65	7	39

264	Association of fitness with vascular intima-media thickness and elasticity in adolescence. *Pediatrics*, **2013**, 132, e77-84	7.4	39
263	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
262	Simplified definitions of elevated pediatric blood pressure and high adult arterial stiffness. *Pediatrics*, **2013**, 132, e70-6	7.4	38
261	Is dispositional optimism or dispositional pessimism predictive of ideal cardiovascular health? The Young Finns Study. *Psychology and Health*, **2015**, 30, 1221-39	2.9	37
260	Socioeconomic status in childhood and C reactive protein in adulthood: a systematic review and meta-analysis. *Journal of Epidemiology and Community Health*, **2017**, 71, 817-826	5.1	36
259	Increased cancer incidence in acromegaly--a nationwide survey. *Clinical Endocrinology*, **2010**, 72, 278-9	3.4	36
258	Polymorphism in the IL10 promoter region and early markers of atherosclerosis: the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2010**, 208, 190-6	3.1	36
257	Cloninger's temperament traits and preclinical atherosclerosis: the Cardiovascular Risk in Young Finns Study. *Journal of Psychosomatic Research*, **2009**, 67, 77-84	4.1	36
256	Childhood predictors of adult fatty liver. The Cardiovascular Risk in Young Finns Study. *Journal of Hepatology*, **2016**, 65, 784-790	13.4	36
255	BMI Trajectories Associated With Resolution of Elevated Youth BMI and Incident Adult Obesity. *Pediatrics*, **2018**, 141,	7.4	35
254	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
253	Genetic variants and their interactions in the prediction of increased pre-clinical carotid atherosclerosis: the cardiovascular risk in young Finns study. *PLoS Genetics*, **2010**, 6, e1001146	6	35
252	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
251	Geographic origin as a determinant of carotid artery intima-media thickness and brachial artery flow-mediated dilation: the Cardiovascular Risk in Young Finns study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 392-8	9.4	34
250	Insulin and BMI as predictors of adult type 2 diabetes mellitus. *Pediatrics*, **2015**, 135, e144-51	7.4	33
249	Pulse pressure in youth and carotid intima-media thickness in adulthood: the cardiovascular risk in young Finns study. *Stroke*, **2009**, 40, 1519-21	6.7	33
248	Assessment of inflammatory markers and endothelial function. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2006**, 9, 547-52	3.8	32
247	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. *Nature*, **2020**, 586, 769-775	50.4	32

246	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
245	Genome-wide association study on dimethylarginines reveals novel AGXT2 variants associated with heart rate variability but not with overall mortality. *European Heart Journal*, **2014**, 35, 524-31	9.5	31
244	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
243	Prevalence and determinants of fatty liver in normal-weight and overweight young adults. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2015**, 47, 40-6	1.5	29
242	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
241	Adiponectin is related with carotid artery intima-media thickness and brachial flow-mediated dilatation in young adults--the Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2010**, 42, 603-11	1.5	29
240	Whole blood microRNA levels associate with glycemic status and correlate with target mRNAs in pathways important to type 2 diabetes. *Scientific Reports*, **2019**, 9, 8887	4.9	28
239	Viewpoint article: Childhood obesity--looking back over 50 years to begin to look forward. *Journal of Paediatrics and Child Health*, **2015**, 51, 82-6	1.3	28
238	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
237	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
236	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
235	Cardiovascular Health Trajectories From Childhood Through Middle Age and Their Association With Subclinical Atherosclerosis. *JAMA Cardiology*, **2020**, 5, 557-566	16.2	27
234	An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. *Genome Biology*, **2017**, 18, 146	18.3	27
233	Subtle increases in heart size persist into adulthood in growth restricted babies: the Cardiovascular Risk in Young Finns Study. *Open Heart*, **2015**, 2, e000265	3	27
232	Metabolomics: population epidemiology and concordance in Australian children aged 11-12 years and their parents. *BMJ Open*, **2019**, 9, 106-117	3	27
231	Development of hypertension in overweight adolescents: a review. *Adolescent Health, Medicine and Therapeutics*, **2015**, 6, 171-87	2.7	26
230	Plasminogen activator inhitor-1 associates with cardiovascular risk factors in healthy young adults in the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2012**, 224, 208-12	3.1	26
229	Characterization of systemic metabolic phenotypes associated with subclinical atherosclerosis. *Molecular BioSystems*, **2011**, 7, 385-93		26

228	Polymorphism in the IL6 promoter region is associated with the risk factors and markers of subclinical atherosclerosis in men: The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2009**, 203, 454-8	3.1	26
227	Childbearing, child-rearing, cardiovascular risk factors, and progression of carotid intima-media thickness: the Cardiovascular Risk in Young Finns study. *Stroke*, **2010**, 41, 1332-7	6.7	26
226	Utility of Different Blood Pressure Measurement Components in Childhood to Predict Adult Carotid Intima-Media Thickness. *Hypertension*, **2019**, 73, 335-341	8.5	26
225	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
224	Genetic profiling using genome-wide significant coronary artery disease risk variants does not improve the prediction of subclinical atherosclerosis: the Cardiovascular Risk in Young Finns Study, the Bogalusa Heart Study and the Health 2000 Survey--a meta-analysis of three independent studies. *PLoS ONE*, **2012**, 7, e28931	3.7	25
223	Neuregulin-1 genotype moderates the association between job strain and early atherosclerosis in young men. *Annals of Behavioral Medicine*, **2007**, 33, 148-55	4.5	25
222	Association of Childhood Oral Infections With Cardiovascular Risk Factors and Subclinical Atherosclerosis in Adulthood. *JAMA Network Open*, **2019**, 2, e192523	10.4	24
221	Body-image dissatisfaction is strongly associated with chronic dysphoria. *Journal of Affective Disorders*, **2013**, 150, 253-60	6.6	24
220	Levels of asymmetrical dimethylarginine are predictive of brachial artery flow-mediated dilation 6 years later. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2010**, 212, 512-5	3.1	24
219	Prediction of Adulthood Obesity Using Genetic and Childhood Clinical Risk Factors in the Cardiovascular Risk in Young Finns Study. *Circulation: Cardiovascular Genetics*, **2017**, 10,		23
218	Childhood Psychosocial Cumulative Risks and Carotid Intima-Media Thickness in Adulthood: The Cardiovascular Risk in Young Finns Study. *Psychosomatic Medicine*, **2016**, 78, 171-81	3.7	23
217	Interrelationships between indices of longitudinal movement of the common carotid artery wall and the conventional measures of subclinical arteriosclerosis. *Clinical Physiology and Functional Imaging*, **2017**, 37, 305-313	2.4	22
216	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
215	Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. *Pediatrics*, **2016**, 137,	7.4	22
214	The International Childhood Cardiovascular Cohort (i3C) consortium outcomes study of childhood cardiovascular risk factors and adult cardiovascular morbidity and mortality: Design and recruitment. *Contemporary Clinical Trials*, **2018**, 69, 55-64	2.3	20
213	Factors associated with six-year weight change in young and middle-aged adults in the Young Finns Study. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2015**, 75, 133-44	2	20
212	Associations between dimensional personality measures and preclinical atherosclerosis: the cardiovascular risk in Young Finns study. *Journal of Psychosomatic Research*, **2012**, 72, 336-43	4.1	20
211	Genome-wide association study pinpoints a new functional apolipoprotein B variant influencing oxidized low-density lipoprotein levels but not cardiovascular events: AtheroRemo Consortium. *Circulation: Cardiovascular Genetics*, **2013**, 6, 73-81		20

210	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
209	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
208	Infection-Related Hospitalization in Childhood and Adult Metabolic Outcomes. *Pediatrics*, **2015**, 136, e554-62	7.4	19
207	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
206	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
205	Parental smoking produces long-term damage to vascular function in their children. *Current Opinion in Cardiology*, **2013**, 28, 569-74	2.1	19
204	Cardiometabolic Determinants of Carotid and Aortic Distensibility From Childhood to Early Adulthood. *Hypertension*, **2017**, 70, 452-460	8.5	18
203	Apolipoprotein B is related to arterial pulse wave velocity in young adults: the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2011**, 214, 220-4	3.1	18
202	Flow mediated vasodilation and circulating concentrations of high sensitive C-reactive protein, interleukin-6 and tumor necrosis factor-alpha in normal pregnancy--The Cardiovascular Risk in Young Finns Study. *Clinical Physiology and Functional Imaging*, **2009**, 29, 347-52	2.4	18
201	Polymorphism of the angiotensin-converting enzyme (ACE) and angiotesinogen (AGT) genes and their associations with blood pressure and carotid artery intima media thickness among healthy Finnish young adults--the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2006**, 188, 316-22	3.1	18
200	Childhood metabolic syndrome, inflammation and carotid intima-media thickness. The Aboriginal Birth Cohort Study. *International Journal of Cardiology*, **2016**, 203, 32-6	3.2	17
199	The effect of apolipoprotein E polymorphism on serum metabolome - a population-based 10-year follow-up study. *Scientific Reports*, **2019**, 9, 458	4.9	17
198	Health of adults aged 22 to 35 years conceived by assisted reproductive technology. *Fertility and Sterility*, **2019**, 112, 130-139	4.8	17
197	Computationally estimated apolipoproteins B and A1 in predicting cardiovascular risk. *Atherosclerosis*, **2013**, 226, 245-51	3.1	17
196	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
195	Allelic variants of upstream transcription factor 1 associate with carotid artery intima-media thickness: the Cardiovascular Risk in Young Finns study. *Circulation Journal*, **2008**, 72, 1158-64	2.9	17
194	Prediction of adult class II/III obesity from childhood BMI: the i3C consortium. *International Journal of Obesity*, **2020**, 44, 1164-1172	5.5	17
193	Distensibility of the aorta and carotid artery and left ventricular mass from childhood to early adulthood. *Hypertension*, **2015**, 65, 146-52	8.5	16

192	Childhood socioeconomic status and lifetime health behaviors: The Young Finns Study. *International Journal of Cardiology*, **2018**, 258, 289-294	3.2	16
191	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
190	Upstream Transcription Factor 1 (USF1) allelic variants regulate lipoprotein metabolism in women and USF1 expression in atherosclerotic plaque. *Scientific Reports*, **2014**, 4, 4650	4.9	16
189	ADMA concentration changes across the menstrual cycle and during oral contraceptive use: the Cardiovascular Risk in Young Finns Study. *European Journal of Endocrinology*, **2010**, 162, 259-65	6.5	16
188	Autoimmunity and atherosclerosis: the presence of antinuclear antibodies is associated with decreased carotid elasticity in young women. The Cardiovascular Risk in Young Finns Study. *Rheumatology*, **2009**, 48, 1553-6	3.9	16
187	Relations of APOE promoter polymorphisms to LDL cholesterol and markers of subclinical atherosclerosis in young adults. *Journal of Lipid Research*, **2006**, 47, 1298-306	6.3	16
186	Apolipoprotein A-I/C-III/A-IV SstI and apolipoprotein B XbaI polymorphisms and their association with carotid artery intima-media thickness in the Finnish population. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2005**, 180, 79-86	3.1	16
185	Cognitive performance in young adulthood and midlife: Relations with age, sex, and education-The Cardiovascular Risk in Young Finns Study. *Neuropsychology*, **2016**, 30, 532-42	3.8	16
184	Reference Values for Echocardiography in Middle-Aged Population: The Cardiovascular Risk in Young Finns Study. *Echocardiography*, **2016**, 33, 193-206	1.5	16
183	Is alexithymia associated with metabolic syndrome? A study in a healthy adult population. *Psychiatry Research*, **2016**, 236, 58-63	9.9	16
182	Cardiorespiratory Fitness and Risk of Fatty Liver: The Young Finns Study. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1834-1841	1.2	15
181	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
180	Carotid artery elasticity decreases during pregnancy - the Cardiovascular Risk in Young Finns study. *BMC Pregnancy and Childbirth*, **2014**, 14, 98	3.2	15
179	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood: The Cardiovascular Risk in Young Finns Study. *Hypertension*, **2017**, 70, 729-735	8.5	15
178	Genome-Wide Meta-Analysis of Sciatica in Finnish Population. *PLoS ONE*, **2016**, 11, e0163877	3.7	15
177	Childhood risk factors and carotid atherosclerotic plaque in adulthood: The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2020**, 293, 18-25	3.1	15
176	Deficiency in Melanocortin 1 Receptor Signaling Predisposes to Vascular Endothelial Dysfunction and Increased Arterial Stiffness in Mice and Humans. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1678-86	9.4	14
175	Paraoxonase-1 and oxidized lipoprotein lipids. The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2015**, 241, 502-6	3.1	14

174	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
173	High perceived social support protects against the intergenerational transmission of obesity: The Cardiovascular Risk in Young Finns Study. *Preventive Medicine*, **2016**, 90, 79-85	4.3	14
172	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, 1393-9	14.6	14
171	Interleukin-6 gene polymorphism, chronic stress and atherosclerosis: interleukin-6-174G>C polymorphism, chronic stress and risk of early atherosclerosis in the Cardiovascular Risk in Young Finns Study. *Journal of Psychosomatic Research*, **2014**, 76, 333-8	4.1	14
170	Low serum adiponectin levels in childhood and adolescence predict increased intima-media thickness in adulthood. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2017**, 49, 42-50	1.5	14
169	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
168	Subtle changes in ADMA and l-arginine concentrations in normal pregnancies are unlikely to account for pregnancy-related increased flow-mediated dilatation. *Clinical Physiology and Functional Imaging*, **2008**, 28, 120-4	2.4	14
167	Non-HDL Cholesterol Levels in Childhood and Carotid Intima-Media Thickness in Adulthood. *Pediatrics*, **2020**, 145,	7.4	14
166	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
165	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
164	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
163	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
162	Preconception metabolic indicators predict gestational diabetes and offspring birthweight. *Gynecological Endocrinology*, **2014**, 30, 840-4	2.4	13
161	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
160	Interactive effect of long-term mental stress and cardiac stress reactivity on carotid intima-media thickness: the Cardiovascular Risk in Young Finns study. *Stress*, **2009**, 12, 283-93	3	13
159	Relation of apolipoprotein E polymorphism to markers of early atherosclerotic changes in young adults--the Cardiovascular Risk in Young Finns Study. *Circulation Journal*, **2008**, 72, 29-34	2.9	13
158	CYBA C242T gene polymorphism and flow-mediated vasodilation in a population of young adults: the Cardiovascular Risk in Young Finns Study. *Journal of Hypertension*, **2007**, 25, 1381-7	1.9	13
157	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

156	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
155	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
154	The biomarker and causal roles of homoarginine in the development of cardiometabolic diseases: an observational and Mendelian randomization analysis. *Scientific Reports*, **2017**, 7, 1130	4.9	12
153	Vigorous physical activity and carotid distensibility in young and mid-aged adults. *Hypertension Research*, **2015**, 38, 355-60	4.7	12
152	Body Mass Index From Early to Late Childhood and Cardiometabolic Measurements at 11 to 12 Years. *Pediatrics*, **2020**, 146,	7.4	12
151	Influence of cardiovascular risk factors on longitudinal motion of the common carotid artery wall. *Atherosclerosis*, **2018**, 272, 54-59	3.1	12
150	New evidence from plasma ceramides links apoE polymorphism to greater risk of coronary artery disease in Finnish adults. *Journal of Lipid Research*, **2019**, 60, 1622-1629	6.3	12
149	Television viewing and fatty liver in early midlife. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2015**, 47, 519-26	1.5	12
148	Sex and puberty-related differences in metabolomic profiles associated with adiposity measures in youth with obesity. *Metabolomics*, **2019**, 15, 75	4.7	11
147	Impact of fetal growth and preterm birth on the retinal microvasculature in mid-adulthood. *Microcirculation*, **2015**, 22, 285-93	2.9	11
146	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
145	Val/Met polymorphism of the COMT gene moderates the association between job strain and early atherosclerosis in young men. *Journal of Occupational and Environmental Medicine*, **2008**, 50, 649-57	2	11
144	Childhood BMI and Fasting Glucose and Insulin Predict Adult Type 2 Diabetes: The International Childhood Cardiovascular Cohort (i3C) Consortium. *Diabetes Care*, **2020**, 43, 2821-2829	14.6	11
143	Longitudinal study of circulating oxidized LDL and HDL and fatty liver: the Cardiovascular Risk in Young Finns Study. *Free Radical Research*, **2016**, 50, 396-404	4	10
142	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
141	Self-rated health as an indicator of ideal cardiovascular health among working-aged women. *Scandinavian Journal of Primary Health Care*, **2017**, 35, 322-328	2.7	10
140	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
139	Relation of non-cholesterol sterols to coronary risk factors and carotid intima-media thickness: the Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2010**, 209, 592-7	3.1	10

138	Intergenerational transmission of socioeconomic position and ideal cardiovascular health: 32-year follow-up study. *Health Psychology*, **2017**, 36, 270-279	5	10
137	HDL cholesterol efflux capacity is inversely associated with subclinical cardiovascular risk markers in young adults: The cardiovascular risk in Young Finns study. *Scientific Reports*, **2020**, 10, 19223	4.9	10
136	Physical inactivity from youth to adulthood and adult cardiometabolic risk profile. *Preventive Medicine*, **2021**, 145, 106433	4.3	10
135	Carotid artery intima-media thickness, distensibility and elasticity: population epidemiology and concordance in Australian children aged 11-12 years old and their parents. *BMJ Open*, **2019**, 9, 23-33	3	10
134	Childhood/Adolescent Smoking and Adult Smoking and Cessation: The International Childhood Cardiovascular Cohort (i3C) Consortium. *Journal of the American Heart Association*, **2020**, 9, e014381	6	10
133	A Cross-Cohort Study Examining the Associations of Metabolomic Profile and Subclinical Atherosclerosis in Children and Their Parents: The Child Health CheckPoint Study and Avon Longitudinal Study of Parents and Children. *Journal of the American Heart Association*, **2019**, 8, e011852	6	9
132	Clinical review of 24-35 year olds conceived with and without in vitro fertilization: study protocol. *Reproductive Health*, **2017**, 14, 117	3.5	9
131	Childhood serum fatty acid quality is associated with adult carotid artery intima media thickness in women but not in men. *Journal of Nutrition*, **2013**, 143, 682-9	4.1	9
130	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
129	Plasma osteopontin is not associated with vascular markers of subclinical atherosclerosis in a population of young adults without symptoms of cardiovascular disease. The Cardiovascular Risk in Young Finns Study. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2011**, 71, 683-9	2	9
128	Impact of Ideal Cardiovascular Health in Childhood on the Retinal Microvasculature in Midadulthood: Cardiovascular Risk in Young Finns Study. *Journal of the American Heart Association*, **2018**, 7, e009487	6	9
127	Prediction of Adult Dyslipidemia Using Genetic and Childhood Clinical Risk Factors: The Cardiovascular Risk in Young Finns Study. *Circulation: Cardiovascular Genetics*, **2017**, 10,		8
126	Psychosocial environment in childhood and body mass index growth over 32years. *Preventive Medicine*, **2017**, 97, 50-55	4.3	8
125	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	14.5	8
124	Inflammatory diet and preclinical cardiovascular phenotypes in 11-12 year-olds and mid-life adults: A cross-sectional population-based study. *Atherosclerosis*, **2019**, 285, 93-101	3.1	8
123	Physical Activity from Childhood to Adulthood and Cognitive Performance in Midlife. *Medicine and Science in Sports and Exercise*, **2019**, 51, 882-890	1.2	8
122	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
121	Relations between carotid artery distensibility and heart rate variability The Cardiovascular Risk in Young Finns Study. *Autonomic Neuroscience: Basic and Clinical*, **2011**, 161, 75-80	2.4	8

120	Change in job strain and progression of atherosclerosis: The Cardiovascular Risk in Young Finns study. *Journal of Occupational Health Psychology*, **2011**, 16, 139-50	5.7	8
119	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
118	Trends in cardiovascular risk factor levels in Finnish children and young adults from the 1970s: The Cardiovascular Risk in Young Finns Study. *Experimental and Clinical Cardiology*, **2006**, 11, 83-8		8
117	Lipidomic architecture shared by subclinical markers of osteoporosis and atherosclerosis: The Cardiovascular Risk in Young Finns Study. *Bone*, **2020**, 131, 115160	4.7	8
116	Longitudinal analysis of risk of non-alcoholic fatty liver disease in adulthood. *Liver International*, **2019**, 39, 1147-1154	7.9	8
115	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
114	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
113	Socioeconomic position and intergenerational associations of ideal health behaviors. *European Journal of Preventive Cardiology*, **2019**, 26, 1605-1612	3.9	7
112	Determinants of left ventricular diastolic function-The Cardiovascular Risk in Young Finns Study. *Echocardiography*, **2019**, 36, 854-861	1.5	7
111	Glycoprotein acetyls (GlycA) at 12 months are associated with high-sensitivity C-reactive protein and early life inflammatory immune measures. *Pediatric Research*, **2019**, 85, 584-585	3.2	7
110	Evidence for Protein Leverage in Children and Adolescents with Obesity. *Obesity*, **2020**, 28, 822-829	8	7
109	Fatty liver is associated with blood pathways of inflammatory response, immune system activation and prothrombotic state in Young Finns Study. *Scientific Reports*, **2018**, 8, 10358	4.9	7
108	Tissue inhibitor of matrix metalloproteinases 4 (TIMP4) in a population of young adults: relations to cardiovascular risk markers and carotid artery intima-media thickness. The Cardiovascular Risk in Young Finns Study. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2012**, 72, 540-6	2	7
107	Systemic hemodynamics in young adults with the metabolic syndrome: the Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2010**, 42, 612-21	1.5	7
106	Early clinical markers of overweight/obesity onset and resolution by adolescence. *International Journal of Obesity*, **2020**, 44, 82-93	5.5	7
105	Sleep and cardiometabolic risk: a cluster analysis of actigraphy-derived sleep profiles in adults and children. *Sleep*, **2021**, 44,	1.1	7
104	Intergenerational Continuity in Qualities of the Parent□Child Relationship: Mediating and Moderating Mechanisms. *Journal of Child and Family Studies*, **2017**, 26, 2191-2201	2.3	6
103	Vascular ultrasound measures before pregnancy and pregnancy complications: A prospective cohort study. *Hypertension in Pregnancy*, **2017**, 36, 53-58	2	6

102	Childhood Exposure to Parental Smoking and Midlife Cognitive Function. *American Journal of Epidemiology*, **2020**, 189, 1280-1291	3.8	6
101	Chronic stress and the development of early atherosclerosis: moderating effect of endothelial dysfunction and impaired arterial elasticity. *International Journal of Environmental Research and Public Health*, **2009**, 6, 2934-49	4.6	6
100	Sex differences in the combined effect of chronic stress with impaired vascular endothelium functioning and the development of early atherosclerosis: the Cardiovascular Risk in Young Finns study. *BMC Cardiovascular Disorders*, **2010**, 10, 34	2.3	6
99	Early atherosclerosis and cardiac autonomic responses to mental stress: a population-based study of the moderating influence of impaired endothelial function. *BMC Cardiovascular Disorders*, **2010**, 10, 16	2.3	6
98	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
97	An expanded analysis framework for multivariate GWAS connects inflammatory biomarkers to functional variants and disease. *European Journal of Human Genetics*, **2021**, 29, 309-324	5.3	6
96	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
95	Telomere Length and Vascular Phenotypes in a Population-Based Cohort of Children and Midlife Adults. *Journal of the American Heart Association*, **2019**, 8, e012707	6	5
94	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
93	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
92	Long-Term Burden of Increased Body Mass Index from Childhood on Adult Dyslipidemia: The i3C Consortium Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	5
91	Low Childhood Cholesterol Absorption Predisposes to Gallstone Disease: The Cardiovascular Risk in Young Finns Study. *Journal of Pediatric Gastroenterology and Nutrition*, **2017**, 64, 418-424	2.8	5
90	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
89	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	2.6	5
88	Sleep and cardiometabolic health in children and adults: examining sleep as a component of the 24-h day. *Sleep Medicine*, **2021**, 78, 63-74	4.6	5
87	Associations of Serum Fatty Acid Proportions with Obesity, Insulin Resistance, Blood Pressure, and Fatty Liver: The Cardiovascular Risk in Young Finns Study. *Journal of Nutrition*, **2021**, 151, 970-978	4.1	5
86	Low childhood high density lipoprotein cholesterol levels and subsequent risk for chronic inflammatory bowel disease. *Digestive and Liver Disease*, **2018**, 50, 348-352	3.3	4
85	Early life determinants of cardiovascular health in adulthood. The Australian Aboriginal Birth Cohort study. *International Journal of Cardiology*, **2018**, 269, 304-309	3.2	4

84	No association of nineteen COX-2 gene variants to preclinical markers of atherosclerosis The Cardiovascular Risk in Young Finns Study. *BMC Medical Genetics*, **2012**, 13, 32	2.1	4
83	American Heart Association ideal cardiovascular health score and subclinical atherosclerosis in 22-35-year-old adults conceived with and without assisted reproductive technologies. *Human Reproduction*, **2020**, 35, 232-239	5.7	4
82	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
81	Cardiovascular Risk Factor Trajectories Since Childhood and Cognitive Performance in Midlife: The Cardiovascular Risk in Young Finns Study. *Circulation*, **2021**, 143, 1949-1961	16.7	4
80	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
79	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
78	A network approach to the analysis of psychosocial risk factors and their association with health. *Journal of Health Psychology*, **2020**, 25, 1587-1600	3.1	4
77	CVD risk factors and surrogate markers - Urban-rural differences. *Scandinavian Journal of Public Health*, **2020**, 48, 752-761	3	4
76	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
75	Genetic polymorphism of sterol transporters in children with future gallstones. *Digestive and Liver Disease*, **2018**, 50, 954-960	3.3	4
74	Accumulation of Depressive Symptoms and Carotid Intima-Media Thickness: the Cardiovascular Risk in Young Finns Study. *Annals of Behavioral Medicine*, **2017**, 51, 620-628	4.5	3
73	Inflammation mediates the relationship between obesity and retinal vascular calibre in 11-12 year-olds children and mid-life adults. *Scientific Reports*, **2020**, 10, 5006	4.9	3
72	Cardiometabolic Health Among Adult Offspring of Hypertensive Pregnancies: The Cardiovascular Risk in Young Finns Study. *Journal of the American Heart Association*, **2018**, 7,	6	3
71	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	4.1	3
70	Association of thyrotropin with arterial pulse wave velocity in young adults: the Cardiovascular Risk in Young Finns Study. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2014**, 74, 716-21	2	3
69	Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors. *Obstetrical and Gynecological Survey*, **2012**, 67, 156-158	2.4	3
68	Obesity during childhood is associated with higher cancer mortality rate during adulthood: the i3C Consortium. *International Journal of Obesity*, **2021**,	5.5	3
67	Lower grip strength in youth with obesity identifies those with increased cardiometabolic risk. *Obesity Research and Clinical Practice*, **2020**, 14, 286-289	5.4	3

66	Cardiovascular health and retinal microvascular geometry in Australian 11-12 year-olds. *Microvascular Research*, **2020**, 129, 103966	3.7	3
65	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	3.6	3
64	Systemic vascular resistance predicts the development of hypertension: the cardiovascular risk in young Finns study. *Blood Pressure*, **2020**, 29, 362-369	1.7	3
63	Socioeconomic status, remoteness and tracking of nutritional status from childhood to adulthood in an Australian Aboriginal Birth Cohort: the ABC study. *BMJ Open*, **2020**, 10, e033631	3	3
62	Cross-sectional associations between Ideal Cardiovascular Health scores and vascular phenotypes in 11- to 12-year-olds and their parents: The Longitudinal Study of Australian Children. *International Journal of Cardiology*, **2019**, 277, 258-265	3.2	3
61	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	5.6	3
60	Tracking of secretory phospholipase A2 enzyme activity levels from childhood to adulthood: a 21-year cohort. *Jornal De Pediatria*, **2019**, 95, 247-254	2.6	3
59	Childhood Socioeconomic Disadvantage and Risk of Fatty Liver in Adulthood: The Cardiovascular Risk in Young Finns Study. *Hepatology*, **2020**, 71, 67-75	11.2	3
58	Influence of early-life body mass index and systolic blood pressure on left ventricle in adulthood - the Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2021**, 53, 160-168	1.5	3
57	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	5.6	3
56	Cardiovascular Risk Factors in Childhood and Left Ventricular Diastolic Function in Adulthood. *Pediatrics*, **2021**, 147,	7.4	3
55	Blood pathway analyses reveal differences between prediabetic subjects with or without dyslipidaemia. The Cardiovascular Risk in Young Finns Study. *Diabetes/Metabolism Research and Reviews*, **2017**, 33, e2914	7.5	2
54	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	2.1	2
53	Association of Body Mass Index in Youth With Adult Cardiometabolic Risk. *Journal of the American Heart Association*, **2020**, 9, e015288	6	2
52	Do childhood infections affect labour market outcomes in adulthood and, if so, how?. *Economics and Human Biology*, **2020**, 37, 100857	2.6	2
51	East-west differences and migration in Finland: Association with cardiometabolic risk markers and IMT. The Cardiovascular Risk in Young Finns Study. *Scandinavian Journal of Public Health*, **2016**, 44, 402-10	3	2
50	Fasting Glucose and the Risk of Depressive Symptoms: Instrumental-Variable Regression in the Cardiovascular Risk in Young Finns Study. *International Journal of Behavioral Medicine*, **2017**, 24, 901-907	2.6	2
49	Pregnancy complications and later vascular ultrasound measures: A cohort study. *Pregnancy Hypertension*, **2017**, 10, 171-176	2.6	2

48	Adulthood EAS-temperament and carotid artery intima-media thickness: the Cardiovascular Risk in Young Finns study. *Psychology and Health*, **2011**, 26, 61-75	2.9	2
47	Prevalence Implications of the 2017 American Academy of Pediatrics Hypertension Guideline and Associations with Adult Hypertension. *Journal of Pediatrics*, **2021**,	3.6	2
46	Adulthood blood levels of hsa-miR-29b-3p associate with preterm birth and adult metabolic and cognitive health. *Scientific Reports*, **2021**, 11, 9203	4.9	2
45	Childhood Psychosocial Environment and Adult Cardiac Health: A Causal Mediation Approach. *American Journal of Preventive Medicine*, **2019**, 57, e195-e202	6.1	2
44	Dietary Fats and Atherosclerosis From Childhood to Adulthood. *Pediatrics*, **2020**, 145,	7.4	2
43	Childhood exposure to parental smoking and life-course overweight and central obesity. *Annals of Medicine*, **2021**, 53, 208-216	1.5	2
42	Fatty liver index predicts incident risk of prediabetes, type 2 diabetes and non-alcoholic fatty liver disease (NAFLD). *Annals of Medicine*, **2021**, 53, 1256-1264	1.5	2
41	IDO activity forecasts obesity in males and premenopausal females in a 10-year follow-up study:The Cardiovascular Risk in Young Finns Study. *Atherosclerosis*, **2021**, 336, 32-38	3.1	2
40	Discovery of mitochondrial DNA variants associated with genome-wide blood cell gene expression: a population-based mtDNA sequencing study. *Human Molecular Genetics*, **2019**, 28, 1381-1391	5.6	1
39	Is Passive Smoking Exposure in Early Life a Risk Factor for Future Cardiovascular Disease?. *Current Cardiovascular Risk Reports*, **2015**, 9, 1	0.9	1
38	Do body mass index and waist-to-height ratio over the preceding decade predict retinal microvasculature in 11-12 year olds and midlife adults?. *International Journal of Obesity*, **2020**, 44, 1712-1722	5.5	1
37	cord blood methylation and systolic blood pressure at 4 years - a population-based cohort study. *Epigenetics*, **2020**, 15, 1361-1369	5.7	1
36	The Australian Aboriginal Birth Cohort study: socio-economic status at birth and cardiovascular risk factors to 25 years of age. *Medical Journal of Australia*, **2019**, 211, 265-270	4	1
35	Birth weight for gestational age and later cardiovascular health: a comparison between longitudinal Finnish and indigenous Australian cohorts. *Annals of Medicine*, **2021**, 53, 2060-2071	1.5	1
34	Influence of early life risk factors and lifestyle on systemic vascular resistance in later adulthood: the cardiovascular risk in young Finns study. *Blood Pressure*, **2021**, 30, 367-375	1.7	1
33	Is the association between depressive symptoms and glucose bidirectional? A population-based study. *Health Psychology*, **2018**, 37, 603-612	5	1
32	Association of brachial-cuff excess pressure with carotid intima-media thickness in Australian adults: a cross-sectional study. *Journal of Hypertension*, **2020**, 38, 723-730	1.9	1
31	Adherence to risk-assessment protocols to guide computed tomography pulmonary angiography in patients with suspected pulmonary embolism. *European Heart Journal Quality of Care & Clinical Outcomes*, **2021**,	4.6	1

30	Diet quality trajectories and cardiovascular phenotypes/metabolic syndrome risk by 11-12 years. *International Journal of Obesity*, **2021**, 45, 1392-1403	5.5	1
29	Within-visit SBP variability from childhood to adulthood and markers of cardiovascular end-organ damage in mid-life. *Journal of Hypertension*, **2021**, 39, 1865-1875	1.9	1
28	Influential Periods in Longitudinal Clinical Cardiovascular Health Scores. *American Journal of Epidemiology*, **2021**, 190, 2384-2394	3.8	1
27	Methylation status of nc886 epiallele reflects periconceptional conditions and is associated with glucose metabolism through nc886 RNAs. *Clinical Epigenetics*, **2021**, 13, 143	7.7	1
26	Childhood and long-term dietary calcium intake and adult cardiovascular risk in a population with high calcium intake. *Clinical Nutrition*, **2021**, 40, 1926-1931	5.9	1
25	Examining the effect of mitochondrial DNA variants on blood pressure in two Finnish cohorts. *Scientific Reports*, **2021**, 11, 611	4.9	1
24	Childhood and Adulthood Passive Smoking and Nonalcoholic Fatty Liver in Midlife: A 31-year Cohort Study. *American Journal of Gastroenterology*, **2021**, 116, 1256-1263	0.7	1
23	Aortic sinus diameter in middle age is associated with body size in young adulthood. *Heart*, **2018**, 104, 773-778	5.1	1
22	Cardiovascular risk factors before and during pregnancy: Does pregnancy unmask or initiate risk?. *Journal of Obstetrics and Gynaecology Research*, **2021**, 47, 3849-3856	1.9	1
21	Uncovering the shared lipidomic markers of subclinical osteoporosis-atherosclerosis comorbidity: The Young Finns Study. *Bone*, **2021**, 151, 116030	4.7	1
20	In Memoriam for Gerald Berenson. *Hypertension*, **2019**, 73, 936-937	8.5	0
19	Stress-induced cardiac autonomic reactivity and preclinical atherosclerosis: does arterial elasticity modify the association?. *Stress*, **2015**, 18, 622-30	3	0
18	Ideal cardiovascular health in adolescents and young adults is associated with alexithymia over two decades later: Findings from the cardiovascular risk in Young Finns Study: Department: Research Centre of Applied and Preventive Cardiovascular Medicine, University of Turku, Turku, Finland. *Psychiatry Research*, **2020**, 289, 112976	9.9	0
17	CHRONIC LIMB THREATENING ISCHEMIA AND DIABETES MELLITUS: THE SEVERITY OF TIBIAL ATHEROSCLEROSIS AND OUTCOME AFTER INFRAPOPLITEAL REVASCULARIZATION. *Scandinavian Journal of Surgery*, **2020**, 1457496920968679	3.1	0
16	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). *Hypertension*, **2020**, 76, 1572-1579	8.5	0
15	Modular genome-wide gene expression architecture shared by early traits of osteoporosis and atherosclerosis in the Young Finns Study. *Scientific Reports*, **2021**, 11, 7111	4.9	0
14	Brachial-cuff excess pressure is associated with carotid intima-media thickness among Australian children: a cross-sectional population study. *Hypertension Research*, **2021**, 44, 541-549	4.7	0
13	Association of lifetime blood pressure with adulthood exercise blood pressure response: the cardiovascular risk in young Finns study. *Blood Pressure*, **2021**, 30, 126-132	1.7	0

12	The Timing and Sequence of Cardiovascular Health Decline. *American Journal of Preventive Medicine* , **2021**, 61, 545-553	6.1	0
11	Modest decrease in severity of obesity in adolescence associates with low arterial stiffness. *Atherosclerosis*, **2021**, 335, 23-30	3.1	0
10	Does being conceived by assisted reproductive technology influence adult quality of life?. *Human Fertility*, **2022**, 1-7	1.9	0
9	Body-mass index trajectories from childhood to mid-adulthood and their sociodemographic predictors: Evidence from the International Childhood Cardiovascular Cohort (i3C) Consortium. *EClinicalMedicine*, **2022**, 48, 101440	11.3	0
8	Tracking of secretory phospholipase A2 enzyme activity levels from childhood to adulthood: a 21-year cohort. *Jornal De Pediatria (Versão Em Português)*, **2019**, 95, 247-254	0.2	
7	Associations of retinal microvascular caliber with large arterial function and structure: A population-based study of 11 to 12 year-olds and midlife adults. *Microcirculation*, **2020**, 27, e12642	2.9	
6	The associations of physical activity and physical capability with cardiovascular health among working-age finnish women. *Translational Sports Medicine*, **2020**, 3, 213-221	1.3	
5	Cross-sectional metabolic profiles of mental health in population-based cohorts of 11- to 12-year-olds and mid-life adults: The Longitudinal Study of Australian Children. *Australian and New Zealand Journal of Psychiatry*, **2020**, 54, 928-937	2.6	
4	The Cardiovascular Risk in Young Finns Study and the Special Turku Coronary Risk Factor Intervention Project (STRIP) **2011**, 133-141		
3	The associations of oxidized lipoprotein lipids with lipoprotein subclass particle concentrations and their lipid compositions. The Cardiovascular Risk in Young Finns Study. *Free Radical Biology and Medicine*, **2021**, 162, 225-232	7.8	
2	Association between Number of Siblings and Cardiovascular Risk Factors in Childhood and in Adulthood: The Cardiovascular Risk in Young Finns Study. *Journal of Pediatrics*, **2021**, 237, 87-95.e1	3.6	
1	Carotid artery longitudinal wall motion alterations associated with metabolic syndrome and insulin resistance. *Clinical Physiology and Functional Imaging*, **2021**, 41, 199-207	2.4	