

Timo A Lakka

List of Publications by Year in Descending Order

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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.

283 papers	33,246 citations	80 h-index	180 g-index
305 ext. papers	39,084 ext. citations	8.9 avg, IF	6.11 L-index

#	Paper	IF	Citations
283	Digitally Supported Lifestyle Intervention to Prevent Type 2 Diabetes Through Healthy Habits: Secondary Analysis of Long-Term User Engagement Trajectories in a Randomized Controlled Trial.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e31530	7.6	1
282	The Mediating Role of Endocrine Factors in the Positive Relationship Between Fat Mass and Bone Mineral Content in Children Aged 9-11 Years: The Physical Activity and Nutrition in Children Study.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 850448	5.7	
281	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases.. <i>Environmental Epidemiology</i> , 2022 , 6, e184	0.2	1
280	A quantitative ultra-performance liquid chromatography high-resolution mass spectrometry analysis of steroids from human scalp hair.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 215, 114768	3.5	0
279	The Composition and Functional Capacities of Saliva Microbiota Differ Between Children With Low and High Sweet Treat Consumption.. <i>Frontiers in Nutrition</i> , 2022 , 9, 864687	6.2	0
278	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
277	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. <i>European Journal of Sport Science</i> , 2021 , 1-10	3.9	3
276	Exercise, diet, and cognition in a 4-year randomized controlled trial: Dose-Responses to Exercise Training (DRQ EXTRA). <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1428-1439	7	6
275	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
274	Longitudinal associations of physical activity, sedentary time, and cardiorespiratory fitness with arterial health in children - the PANIC study. <i>Journal of Sports Sciences</i> , 2021 , 39, 1980-1987	3.6	1
273	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
272	The effects of a 2-year physical activity and dietary intervention on plasma lipid concentrations in children: the PANIC Study. <i>European Journal of Nutrition</i> , 2021 , 60, 425-434	5.2	1
271	Associations between cardiorespiratory fitness, motor competence, and adiposity in children. <i>Translational Sports Medicine</i> , 2021 , 4, 56-64	1.3	0
270	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
269	Primary hand motor representation areas in healthy children, preadolescents, adolescents, and adults. <i>NeuroImage</i> , 2021 , 228, 117702	7.9	2
268	Dental caries among Finnish teenagers participating in physical activity and diet intervention: association with anthropometrics and behavioural factors. <i>BMC Oral Health</i> , 2021 , 21, 333	3.7	
267	Comparison of Communication Channels for Large-Scale Type 2 Diabetes Risk Screening and Intervention Recruitment: Empirical Study. <i>JMIR Diabetes</i> , 2021 , 6, e21356	2.7	2

266	Cost-effectiveness of physical activity intervention in children - results based on the Physical Activity and Nutrition in Children (PANIC) study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 116	8.4	
265	An Overview on the Associations between Health Behaviors and Brain Health in Children and Adolescents with Special Reference to Diet Quality. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	12
264	Associations of dietary carbohydrate and fatty acid intakes with cognition among children. <i>Public Health Nutrition</i> , 2020 , 23, 1657-1663	3.3	2
263	Child-related and parental predictors for thelarche in a general population of girls: the PANIC study. <i>Pediatric Research</i> , 2020 , 88, 676-680	3.2	1
262	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1144-1152	1.2	9
261	Associations of cardiometabolic risk factors with heart rate variability in 6- to 8-year-old children: The PANIC Study. <i>Pediatric Diabetes</i> , 2020 , 21, 251-258	3.6	4
260	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020 , 16, e1008718	6	25
259	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332	36.3	26
258	A 2-year physical activity and dietary intervention attenuates the increase in insulin resistance in a general population of children: the PANIC study. <i>Diabetologia</i> , 2020 , 63, 2270-2281	10.3	5
257	Cross-country skiing and the risk of acute myocardial infarction: A prospective cohort study. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1108-1111	3.9	2
256	Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1079-1087	7	16
255	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019 , 5, eaaw3095	14.3	39
254	Associations of physical activity, sedentary time, and cardiorespiratory fitness with heart rate variability in 6- to 9-year-old children: the PANIC study. <i>European Journal of Applied Physiology</i> , 2019 , 119, 2487-2498	3.4	15
253	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
252	Associations of Cardiorespiratory Fitness and Adiposity With Arterial Stiffness and Arterial Dilatation Capacity in Response to a Bout of Exercise in Children. <i>Pediatric Exercise Science</i> , 2019 , 31, 238-247	2	6
251	Integrative analysis of gene expression, DNA methylation, physiological traits, and genetic variation in human skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10883-10888	11.5	54
250	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
249	Digitally supported program for type 2 diabetes risk identification and risk reduction in real-world setting: protocol for the StopDia model and randomized controlled trial. <i>BMC Public Health</i> , 2019 , 19, 255	4.1	12

248	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.6	14
247	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
246	Functional and structural asymmetry in primary motor cortex in Asperger syndrome: a navigated TMS and imaging study. <i>Brain Topography</i> , 2019 , 32, 504-518	4.3	7
245	Longitudinal Associations of Fitness, Motor Competence, and Adiposity with Cognition. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 465-471	1.2	6
244	Adiposity Criteria in Assessing Increased Cardiometabolic Risk in Prepubertal Children. <i>Frontiers in Endocrinology</i> , 2019 , 10, 410	5.7	5
243	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , 2019 , 28, 3327-3338	5.6	30
242	Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. <i>International Journal of Obesity</i> , 2019 , 43, 2007-2016	5.5	5
241	Associations of IGF-1 and Adrenal Androgens with Cognition in Childhood. <i>Hormone Research in Paediatrics</i> , 2019 , 91, 329-335	3.3	2
240	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121	17.4	31
239	Eating Competence Is Associated with Lower Prevalence of Obesity and Better Insulin Sensitivity in Finnish Adults with Increased Risk for Type 2 Diabetes: The StopDia Study. <i>Nutrients</i> , 2019 , 12,	6.7	4
238	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
237	Peak oxygen uptake cut-points to identify children at increased cardiometabolic risk - The PANIC Study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 16-24	4.6	13
236	Simultaneous analysis by LC-MS/MS of 22 ketosteroids with hydroxylamine derivatization and underivatized estradiol from human plasma, serum and prostate tissue. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 164, 642-652	3.5	33
235	Maturation changes the excitability and effective connectivity of the frontal lobe: A developmental TMS-EEG study. <i>Human Brain Mapping</i> , 2019 , 40, 2320-2335	5.9	7
234	Longitudinal associations of physical activity and sedentary time with cardiometabolic risk factors in children. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 113-123	4.6	24
233	Mediating effects of motor performance, cardiorespiratory fitness, physical activity, and sedentary behaviour on the associations of adiposity and other cardiometabolic risk factors with academic achievement in children. <i>Journal of Sports Sciences</i> , 2018 , 36, 2296-2303	3.6	6
232	Health-related correlates of psychological well-being among girls and boys 6-8 years of age: The Physical Activity and Nutrition in Children study. <i>Journal of Paediatrics and Child Health</i> , 2018 , 54, 506-509	1.3	4
231	Analysis by LC-MS/MS of endogenous steroids from human serum, plasma, endometrium and endometriotic tissue. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 152, 165-172	3.5	39

230	Birth weight is associated with dietary factors at the age of 6-8 years: the Physical Activity and Nutrition in Children (PANIC) study. <i>Public Health Nutrition</i> , 2018 , 21, 1278-1285	3.3	1
229	Development of corticospinal motor excitability and cortical silent period from mid-childhood to adulthood - a navigated TMS study. <i>Neurophysiologie Clinique</i> , 2018 , 48, 65-75	2.7	15
228	High Leisure-Time Physical Activity Is Associated With Reduced Risk of Sudden Cardiac Death Among Men With Low Cardiorespiratory Fitness. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 288-294	3.8	9
227	Body fat mass, lean body mass and associated biomarkers as determinants of bone mineral density in children 6-8years of age - The Physical Activity and Nutrition in Children (PANIC) study. <i>Bone</i> , 2018 , 108, 106-114	4.7	25
226	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. <i>American Journal of Human Genetics</i> , 2018 , 102, 88-102	11	119
225	Predictors of sleep disordered breathing in children: the PANIC study. <i>European Journal of Orthodontics</i> , 2018 , 40, 268-272	3.3	6
224	Consortium-based genome-wide meta-analysis for childhood dental caries traits. <i>Human Molecular Genetics</i> , 2018 , 27, 3113-3127	5.6	20
223	Associations of Dehydroepiandrosterone Sulfate With Cardiometabolic Risk Factors in Prepubertal Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2592-2600	5.6	11
222	Serum 25-Hydroxyvitamin D, Plasma Lipids, and Associated Gene Variants in Prepubertal Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2670-2679	5.6	2
221	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166	3.7	31
220	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
219	Associations of lifestyle factors with serum dehydroepiandrosterone sulphate and insulin-like growth factor-1 concentration in prepubertal children. <i>Clinical Endocrinology</i> , 2018 , 88, 234-242	3.4	4
218	Relation of oxygen uptake to work rate in prepubertal healthy children - reference for VO ₂ /W-slope and effect on cardiorespiratory fitness assessment. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 645-651	2.4	1
217	Associations of Genetic Susceptibility to Alzheimer's Disease with Adiposity and Cardiometabolic Risk Factors among Children in a 2-Year Follow-up Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 587-595	4.3	13
216	Interactions between genetic variation and cellular environment in skeletal muscle gene expression. <i>PLoS ONE</i> , 2018 , 13, e0195788	3.7	9
215	Associations of Objectively Measured Physical Activity and Sedentary Time With Arterial Stiffness in Pre-Pubertal Children. <i>Pediatric Exercise Science</i> , 2017 , 29, 326-335	2	13
214	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
213	Development of cortical motor circuits between childhood and adulthood: A navigated TMS-HdEEG study. <i>Human Brain Mapping</i> , 2017 , 38, 2599-2615	5.9	18

212	Cardiorespiratory fitness and exercise-induced ST segment depression in assessing the risk of sudden cardiac death in men. <i>Heart</i> , 2017 , 103, 383-389	5.1	15
211	Physical activity, sedentary behaviour, and socioeconomic status among Finnish girls and boys aged 6-8 years. <i>European Journal of Sport Science</i> , 2017 , 17, 462-472	3.9	18
210	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977	17.4	105
209	Determinants for craniofacial pains in children 6-8 years of age: the PANIC study. <i>Acta Odontologica Scandinavica</i> , 2017 , 75, 453-460	2.2	10
208	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032	0.9	29
207	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	3.6	310
206	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		33
205	Diet quality and academic achievement: a prospective study among primary school children. <i>European Journal of Nutrition</i> , 2017 , 56, 2299-2308	5.2	20
204	Cross-Sectional Associations of Objectively-Measured Physical Activity and Sedentary Time with Body Composition and Cardiorespiratory Fitness in Mid-Childhood: The PANIC Study. <i>Sports Medicine</i> , 2017 , 47, 769-780	10.6	47
203	Physical activity and sedentary time in relation to academic achievement in children. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20, 583-589	4.4	38
202	Accuracy of Cardiorespiratory Fitness and Adiposity to Discriminate Elevated Cardiometabolic Risk Among Prepubertal Children. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 731	1.2	
201	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
200	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016 , 7, 13357	17.4	46
199	Effect of a 2-y dietary and physical activity intervention on plasma fatty acid composition and estimated desaturase and elongase activities in children: the Physical Activity and Nutrition in Children Study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 964-972	7	7
198	Determinants of Cardiorespiratory Fitness in a Population Sample of Girls and Boys Aged 6 to 8 Years. <i>Journal of Physical Activity and Health</i> , 2016 , 13, 1149-1155	2.5	3
197	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
196	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	36.3	251
195	Association of MBOAT7 gene variant with plasma ALT levels in children: the PANIC study. <i>Pediatric Research</i> , 2016 , 80, 651-655	3.2	34

194	Food sources of energy and nutrients in Finnish girls and boys 6-8 years of age - the PANIC study. <i>Food and Nutrition Research</i> , 2016 , 60, 32444	3.1	7
193	Prevalence and associated factors of abnormal liver values in children with celiac disease. <i>Digestive and Liver Disease</i> , 2016 , 48, 1023-9	3.3	16
192	Associations of TM6SF2 167K allele with liver enzymes and lipid profile in children: the PANIC Study. <i>Pediatric Research</i> , 2016 , 79, 684-8	3.2	11
191	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016 , 351, 1166-71	33.3	325
190	Comparison between parameters from maximal cycle ergometer test first without respiratory gas analysis and thereafter with respiratory gas analysis among healthy prepubertal children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 624-30	3	1
189	The effects of a 2-year individualized and family-based lifestyle intervention on physical activity, sedentary behavior and diet in children. <i>Preventive Medicine</i> , 2016 , 87, 81-88	4.3	28
188	Cross-sectional associations of plasma fatty acid composition and estimated desaturase and elongase activities with cardiometabolic risk in Finnish children--The PANIC study. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 82-91	4.9	11
187	Adiposity, physical activity and neuromuscular performance in children. <i>Journal of Sports Sciences</i> , 2016 , 34, 1699-706	3.6	9
186	Secular trends affect timing of emergence of permanent teeth. <i>Angle Orthodontist</i> , 2016 , 86, 53-8	2.6	11
185	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016 , 25, 389-403	5.6	202
184	Finger skin temperatures in 8- to 11-year-old children: determinants including physical characteristics and seasonal variation. The Physical Activity and Nutrition in Children (PANIC) Study. <i>European Journal of Applied Physiology</i> , 2016 , 116, 405-13	3.4	
183	Is there a duty to participate in a health research? A viewpoint of children 6-8 years of age and their parents. <i>International Diabetes Nursing</i> , 2016 , 13, 49-54		
182	The genetic regulatory signature of type 2 diabetes in human skeletal muscle. <i>Nature Communications</i> , 2016 , 7, 11764	17.4	82
181	Response: food fortification as a means to increase vitamin D intake. <i>British Journal of Nutrition</i> , 2016 , 116, 1134-5	3.6	3
180	Determinants of serum 25-hydroxyvitamin D concentration in Finnish children: the Physical Activity and Nutrition in Children (PANIC) study. <i>British Journal of Nutrition</i> , 2016 , 115, 1080-91	3.6	36
179	Associations of Sedentary Behavior, Physical Activity, Cardiorespiratory Fitness, and Body Fat Content With Pain Conditions in Children: The Physical Activity and Nutrition in Children Study. <i>Journal of Pain</i> , 2016 , 17, 845-53	5.2	14
178	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	52.4	266
177	Cardiorespiratory fitness, respiratory function and hemodynamic responses to maximal cycle ergometer exercise test in girls and boys aged 9-11 years: the PANIC Study. <i>European Journal of Applied Physiology</i> , 2015 , 115, 235-43	3.4	15

176	Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. <i>Diabetes</i> , 2015 , 64, 2467-76	0.9	66
175	VO2max/kg is expected to be lower in obese individuals!. <i>International Journal of Cardiology</i> , 2015 , 189, 234	3.2	11
174	Cardiorespiratory Fitness as a Prognostic Factor in Heart Failure Needs to be Standardized for Body Composition. <i>American Journal of Cardiology</i> , 2015 , 116, 164	3	
173	The 148 M allele of the PNPLA3 is associated with plasma irisin levels in a population sample of Caucasian children: The PANIC Study. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 793-6	12.7	14
172	The value of cardiorespiratory fitness and exercise-induced ST segment depression in predicting death from coronary heart disease. <i>International Journal of Cardiology</i> , 2015 , 196, 31-3	3.2	11
171	Lateral facial profile may reveal the risk for sleep disordered breathing in children--the PANIC-study. <i>Acta Odontologica Scandinavica</i> , 2015 , 73, 550-5	2.2	8
170	Assessment of body composition by dual-energy X-ray absorptiometry, bioimpedance analysis and anthropometrics in children: the Physical Activity and Nutrition in Children study. <i>Clinical Physiology and Functional Imaging</i> , 2015 , 35, 21-33	2.4	58
169	Cardiopulmonary fitness is a function of lean mass, not total body weight: The DRQ EXTRA study. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1171-9	3.9	43
168	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
167	A novel common variant in DCST2 is associated with length in early life and height in adulthood. <i>Human Molecular Genetics</i> , 2015 , 24, 1155-68	5.6	77
166	Measures of cardiorespiratory fitness in relation to measures of body size and composition among children. <i>Clinical Physiology and Functional Imaging</i> , 2015 , 35, 469-77	2.4	25
165	Obesity is an important source of bias in the assessment of cardiorespiratory fitness. <i>American Heart Journal</i> , 2015 , 170, e7-8	4.9	3
164	Moderators of Maintained Increase in Aerobic Exercise Among Aging Men and Women in a 4-Year Randomized Controlled Trial: The DRQ EXTRA Study. <i>Journal of Physical Activity and Health</i> , 2015 , 12, 1477-84	2.5	3
163	Associations of diet quality with cognition in children - the Physical Activity and Nutrition in Children Study. <i>British Journal of Nutrition</i> , 2015 , 114, 1080-7	3.6	27
162	Associations of Physical Performance and Adiposity with Cognition in Children. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2166-74	1.2	17
161	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
160	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
159	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687

158	Validation of metabolic syndrome score by confirmatory factor analysis in children and adults and prediction of cardiometabolic outcomes in adults. <i>Diabetologia</i> , 2014 , 57, 940-9	10.3	73
157	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
156	Cross-sectional associations of food consumption with plasma fatty acid composition and estimated desaturase activities in Finnish children. <i>Lipids</i> , 2014 , 49, 467-79	1.6	16
155	Physical activity and sedentary behaviour in relation to cardiometabolic risk in children: cross-sectional findings from the Physical Activity and Nutrition in Children (PANIC) Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 55	8.4	89
154	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
153	Associations of physical activity and sedentary behavior with academic skills--a follow-up study among primary school children. <i>PLoS ONE</i> , 2014 , 9, e107031	3.7	41
152	The presentation of adrenarche is sexually dimorphic and modified by body adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 3889-94	5.6	37
151	A central role for GRB10 in regulation of islet function in man. <i>PLoS Genetics</i> , 2014 , 10, e1004235	6	124
150	Associations of motor and cardiovascular performance with academic skills in children. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1016-24	1.2	66
149	Cardiovascular fitness and haemodynamic responses to maximal cycle ergometer exercise test in children 6-8 years of age. <i>Journal of Sports Sciences</i> , 2014 , 32, 652-9	3.6	22
148	Normal values for heart rate variability parameters in children 6-8 years of age: the PANIC Study. <i>Clinical Physiology and Functional Imaging</i> , 2014 , 34, 290-6	2.4	38
147	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
146	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
145	Determinants of pain and functioning in hip osteoarthritis - a two-year prospective study. <i>Clinical Rehabilitation</i> , 2013 , 27, 281-7	3.3	18
144	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013 , 45, 501-12	36.3	437
143	Trans-ethnic fine-mapping of lipid loci identifies population-specific signals and allelic heterogeneity that increases the trait variance explained. <i>PLoS Genetics</i> , 2013 , 9, e1003379	6	94
142	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , 2013 , 9, e1003500	6	277
141	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013 , 45, 76-82	36.3	232

140	Metabolic risk factors are associated with stiffness index, reflection index and finger skin temperature in children--Physical Activity and Nutrition in Children (PANIC) study. <i>Circulation Journal</i> , 2013 , 77, 1281-8	2.9	15
139	Craniofacial morphology but not excess body fat is associated with risk of having sleep-disordered breathing--the PANIC Study (a questionnaire-based inquiry in 6-8-year-olds). <i>European Journal of Pediatrics</i> , 2012 , 171, 1747-52	4.1	26
138	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90	36.3	1482
137	Diet, fitness and metabolic syndrome--the DRQ EXTRA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012 , 22, 553-60	4.5	17
136	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
135	Dietary factors associated with overweight and body adiposity in Finnish children aged 6-8 years: the PANIC Study. <i>International Journal of Obesity</i> , 2012 , 36, 950-5	5.5	68
134	The current standard measure of cardiorespiratory fitness introduces confounding by body mass: the DRQ EXTRA study. <i>International Journal of Obesity</i> , 2012 , 36, 1135-40	5.5	30
133	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
132	Clustering of metabolic risk factors is associated with high-normal levels of liver enzymes among 6- to 8-year-old children: the PANIC study. <i>Metabolic Syndrome and Related Disorders</i> , 2012 , 10, 337-43	2.6	25
131	Low-grade inflammation and depressive symptoms as predictors of abdominal obesity. <i>Scandinavian Journal of Public Health</i> , 2012 , 40, 674-80	3	22
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3	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution		1
2	Multi-ancestry analysis of gene-sleep interactions in 126,926 individuals identifies multiple novel blood lipid loci that contribute to our understanding of sleep-associated adverse blood lipid profile		1
1	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4