Timo A Lakka

List of PR Articles by Year
in descending order

224 PR articles	32,284 PR citations	4517 75 PR h-index	2530 175 g-index
237 documents	37333 doc citations	5467 79 h-index	46919 citing authors

#	Article	IF	PR Citations
1	Associations between physical fitness and cerebellar gray matter volume in adolescents. Scandinavian Journal of Medicine and Science in Sports, 2024, 34, .	3.4	6
2	Accumulating Sedentary Time and Physical Activity From Childhood to Adolescence and Cardiac Function in Adolescence. Journal of the American Heart Association, 2024, 13, .	4.3	2
3	Association between arterial health and cognition in adolescents: The <scp>PANIC</scp> study. Physiological Reports, 2024, 12, .	1.7	1
4	Longitudinal associations of an exposome score with serum metabolites from childhood to adolescence. Communications Biology, 2024, 7, .	4.4	5
5	European fitness landscape for children and adolescents: updated reference values, fitness maps and country rankings based on nearly 8 million test results from 34 countries gathered by the FitBack network. British Journal of Sports Medicine, 2023, 57, 299-310.	11.2	99
6	Evidence for protein leverage in a general population sample of children and adolescents. European Journal of Clinical Nutrition, 2023, 77, 652-659.	2.8	14
7	Genome-wide association study and functional characterization identifies candidate genes for insulin-stimulated glucose uptake. Nature Genetics, 2023, 55, 973-983.	26.1	61
8	Bone mineral density loci specific to the skull portray potential pleiotropic effects on craniosynostosis. Communications Biology, 2023, 6, .	4.4	15
9	Genome-wide association study of placental weight identifies distinct and shared genetic influences between placental and fetal growth. Nature Genetics, 2023, 55, 1807-1819.	26.1	45
10	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. European Journal of Sport Science, 2022, 22, 906-915.	2.7	33
11	Longitudinal and crossâ€sectional associations of adherence to 24â€hour movement guidelines with cardiometabolic risk. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 255-266.	3.4	29
12	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. Journal of Medical Internet Research, 2022, 24, e31530.	4.9	25
13	The Mediating Role of Endocrine Factors in the Positive Relationship Between Fat Mass and Bone Mineral Content in Children Aged 9â€“11 Years: The Physical Activity and Nutrition in Children Study. Frontiers in Endocrinology, 2022, 13, .	4.1	1
14	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases. Environmental Epidemiology, 2022, 6, e184.	3.4	21
15	A quantitative ultra-performance liquid chromatography high-resolution mass spectrometry analysis of steroids from human scalp hair. Journal of Pharmaceutical and Biomedical Analysis, 2022, 215, 114768.	3.1	19
16	ACE2 expression in adipose tissue is associated with cardio-metabolic risk factors and cell type compositionâ€”implications for COVID-19. International Journal of Obesity, 2022, 46, 1478-1486.	3.2	35
17	The Composition and Functional Capacities of Saliva Microbiota Differ Between Children With Low and High Sweet Treat Consumption. Frontiers in Nutrition, 2022, 9, .	4.4	11
18	The effects of an 8-year individualised lifestyle intervention on food consumption and nutrient intake from childhood to adolescence: the PANIC Study. Journal of Nutritional Science, 2022, 11, .	1.7	11

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19	Sources of vitamin D and determinants of serum 25-hydroxyvitamin D in Finnish adolescents. European Journal of Nutrition, 2022, , .	3.5	1
20	Associations between cardiorespiratory fitness, motor competence, and adiposity in children. Translational Sports Medicine, 2021, 4, 56-64.	1.5	6
21	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, .	13.9	132
22	Primary hand motor representation areas in healthy children, preadolescents, adolescents, and adults. NeuroImage, 2021, 228, 117702.	4.4	15
23	Exercise, diet, and cognition in a 4-year randomized controlled trial: Dose-Responses to Exercise Training (DRâ€™s EXTRA). American Journal of Clinical Nutrition, 2021, 113, 1428-1439.	4.9	43
24	Multi-ancestry genome-wide geneâ€“sleep interactions identify novel loci for blood pressure. Molecular Psychiatry, 2021, 26, 6293-6304.	8.4	22
25	Longitudinal associations of physical activity, sedentary time, and cardiorespiratory fitness with arterial health in children â€“ the PANIC study. Journal of Sports Sciences, 2021, 39, 1980-1987.	1.8	10
26	The Positive Relationship between Moderate-to-Vigorous Physical Activity and Bone Mineral Content Is Not Mediated by Free Leptin Index in Prepubertal Children: The PANIC Study. International Journal of Environmental Research and Public Health, 2021, 18, 5365.	3.1	1
27	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	26.1	650
28	Dental caries among Finnish teenagers participating in physical activity and diet intervention: association with anthropometrics and behavioural factors. BMC Oral Health, 2021, 21, .	3.0	11
29	Comparison of Communication Channels for Large-Scale Type 2 Diabetes Risk Screening and Intervention Recruitment: Empirical Study. JMIR Diabetes, 2021, 6, e21356.	1.9	12
30	Cost-effectiveness of physical activity intervention in children â€“ results based on the Physical Activity and Nutrition in Children (PANIC) study. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, .	4.6	3
31	Enhanced Eating Competence Is Associated with Improved Diet Quality and Cardiometabolic Profile in Finnish Adults with Increased Risk of Type 2 Diabetes. Nutrients, 2021, 13, 4030.	4.7	9
32	Cross-country skiing and the risk of acute myocardial infarction: A prospective cohort study. European Journal of Preventive Cardiology, 2020, 27, 1108-1111.	2.1	4
33	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. Nutrients, 2020, 12, 104.	4.7	22
34	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. Medicine and Science in Sports and Exercise, 2020, 52, 1144-1152.	0.8	28
35	Associations of cardiometabolic risk factors with heart rate variability in 6â€•to 8â€yearâ€old children: The PANIC Study. Pediatric Diabetes, 2020, 21, 251-258.	4.5	16
36	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	3.3	186

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37	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	26.1	167
38	A 2Âyear physical activity and dietary intervention attenuates the increase in insulin resistance in a general population of children: the PANIC study. Diabetologia, 2020, 63, 2270-2281.	8.6	44
39	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. Molecular Psychiatry, 2020, 26, 2111-2125.	8.4	23
40	An Overview on the Associations between Health Behaviors and Brain Health in Children and Adolescents with Special Reference to Diet Quality. International Journal of Environmental Research and Public Health, 2020, 17, 953.	3.1	72
41	Associations of dietary carbohydrate and fatty acid intakes with cognition among children. Public Health Nutrition, 2020, 23, 1657-1663.	2.2	15
42	Child-related and parental predictors for thelarche in a general population of girls: the PANIC study. Pediatric Research, 2020, 88, 676-680.	2.4	8
43	The effects of a 2-year physical activity and dietary intervention on plasma lipid concentrations in children: the PANIC Study. European Journal of Nutrition, 2020, 60, 425-434.	3.5	14
44	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	3.0	119
45	Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. International Journal of Obesity, 2019, 43, 2007-2016.	3.2	6
46	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. Nature Communications, 2019, 10, .	13.9	82
47	Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. American Journal of Clinical Nutrition, 2019, 110, 1079-1087.	4.9	34
48	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, .	11.0	137
49	Associations of physical activity, sedentary time, and cardiorespiratory fitness with heart rate variability in 6- to 9-year-old children: the PANIC study. European Journal of Applied Physiology, 2019, 119, 2487-2498.	2.0	35
50	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	3.4	110
51	Associations of Cardiorespiratory Fitness and Adiposity With Arterial Stiffness and Arterial Dilatation Capacity in Response to a Bout of Exercise in Children. Pediatric Exercise Science, 2019, 31, 238-247.	2.1	8
52	Integrative analysis of gene expression, DNA methylation, physiological traits, and genetic variation in human skeletal muscle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10883-10888.	7.6	149
53	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	26.1	554
54	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	3.0	44

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55	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	26.1	133
56	Functional and structural asymmetry in primary motor cortex in Asperger syndrome: a navigated TMS and imaging study. Brain Topography, 2019, 32, 504-518.	2.3	11
57	Longitudinal Associations of Fitness, Motor Competence, and Adiposity with Cognition. Medicine and Science in Sports and Exercise, 2019, 51, 465-471.	0.8	24
58	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	26.1	106
59	Peak oxygen uptake cutâ€points to identify children at increased cardiometabolic risk â€“ The PANIC Study. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 16-24.	3.4	25
60	Simultaneous analysis by LCâ€“MS/MS of 22 ketosteroids with hydroxylamine derivatization and underivatized estradiol from human plasma, serum and prostate tissue. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 642-652.	3.1	71
61	Maturation changes the excitability and effective connectivity of the frontal lobe: A developmental TMSâ€“EEG study. Human Brain Mapping, 2019, 40, 2320-2335.	3.6	22
62	Longitudinal associations of physical activity and sedentary time with cardiometabolic risk factors in children. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 113-123.	3.4	54
63	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. Journal of Sports Sciences, 2018, 36, 2296-2303.	1.8	12
64	Healthâ€related correlates of psychological wellâ€being among girls and boys 6â€“8 years of age: The Physical Activity and Nutrition in Children study. Journal of Paediatrics and Child Health, 2018, 54, 506-509.	0.9	9
65	Analysis by LCâ€“MS/MS of endogenous steroids from human serum, plasma, endometrium and endometriotic tissue. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 165-172.	3.1	74
66	Birth weight is associated with dietary factors at the age of 6â€“8 years: the Physical Activity and Nutrition in Children (PANIC) study. Public Health Nutrition, 2018, 21, 1278-1285.	2.2	8
67	Development of corticospinal motor excitability and cortical silent period from mid-childhood to adulthood â€“ a navigated TMS study. Neurophysiologie Clinique, 2018, 48, 65-75.	2.2	32
68	High Leisure-Time Physical Activity Is Associated With Reduced Risk of Sudden Cardiac Death Among Men With Low Cardiorespiratory Fitness. Canadian Journal of Cardiology, 2018, 34, 288-294.	2.6	13
69	Body fat mass, lean body mass and associated biomarkers as determinants of bone mineral density in children 6â€“8 years of age â€“ The Physical Activity and Nutrition in Children (PANIC) study. Bone, 2018, 108, 106-114.	3.6	44
70	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. American Journal of Human Genetics, 2018, 102, 88-102.	6.5	335
71	Predictors of sleep disordered breathing in children: the PANIC study. European Journal of Orthodontics, 2018, 40, 268-272.	2.5	20
72	Associations of lifestyle factors with serum dehydroepiandrosterone sulphate and insulinâ€like growth factorâ€1 concentration in prepubertal children. Clinical Endocrinology, 2018, 88, 234-242.	2.5	11

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73	Relation of oxygen uptake to work rate in prepubertal healthy children â€“ reference for <scp>VO</scp>₂/Wâ€slope and effect on cardiorespiratory fitness assessment. Clinical Physiology and Functional Imaging, 2018, 38, 645-651.	1.2	1
74	Associations of Genetic Susceptibility to Alzheimerâ€™s Disease with Adiposity and Cardiometabolic Risk Factors among Children in a 2-Year Follow-up Study. Journal of Alzheimer's Disease, 2018, 64, 587-595.	2.6	0
75	Interactions between genetic variation and cellular environment in skeletal muscle gene expression. PLoS ONE, 2018, 13, e0195788.	2.4	21
76	Consortium-based genome-wide meta-analysis for childhood dental caries traits. Human Molecular Genetics, 2018, 27, 3113-3127.	3.0	40
77	Associations of Dehydroepiandrosterone Sulfate With Cardiometabolic Risk Factors in Prepubertal Children. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2592-2600.	4.2	16
78	Serum 25-Hydroxyvitamin D, Plasma Lipids, and Associated Gene Variants in Prepubertal Children. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2670-2679.	4.2	5
79	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	2.4	114
80	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	38.7	612
81	Development of cortical motor circuits between childhood and adulthood: A navigated TMSâ€HdEEG study. Human Brain Mapping, 2017, 38, 2599-2615.	3.6	44
82	Cardiorespiratory fitness and exercise-induced ST segment depression in assessing the risk of sudden cardiac death in men. Heart, 2017, 103, 383-389.	4.3	23
83	Physical activity, sedentary behaviour, and socioeconomic status among Finnish girls and boys aged 6â€“8 years. European Journal of Sport Science, 2017, 17, 462-472.	2.7	53
84	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, .	13.9	198
85	Determinants for craniofacial pains in children 6â€“8 years of age: the PANIC study. Acta Odontologica Scandinavica, 2017, 75, 453-460.	1.6	13
86	A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	4.4	51
87	New Blood Pressureâ€“Associated Loci Identified in Meta-Analyses of 475â€‰000 Individuals. Circulation: Cardiovascular Genetics, 2017, 10, .	3.9	52
88	Physical activity and sedentary time in relation to academic achievement in children. Journal of Science and Medicine in Sport, 2017, 20, 583-589.	2.4	65
89	Accuracy of Cardiorespiratory Fitness and Adiposity to Discriminate Elevated Cardiometabolic Risk Among Prepubertal Children. Medicine and Science in Sports and Exercise, 2017, 49, 731.	0.8	0
90	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2017, 50, 26-41.	26.1	387

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91	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	3.3	181
92	Is there a duty to participate in a health research? A viewpoint of children 6â€“8 years of age and their parents. International Diabetes Nursing, 2016, 13, 49-54.	0.1	0
93	The genetic regulatory signature of type 2 diabetes in human skeletal muscle. Nature Communications, 2016, 7, .	13.9	135
94	Determinants of serum 25-hydroxyvitamin D concentration in Finnish children: the Physical Activity and Nutrition in Children (PANIC) study. British Journal of Nutrition, 2016, 115, 1080-1091.	2.5	51
95	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, .	13.9	90
96	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. American Journal of Clinical Nutrition, 2016, 104, 964-972.	4.9	18
97	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	26.1	298
98	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	26.1	410
99	Association of MBOAT7 gene variant with plasma ALT levels in children: the PANIC study. Pediatric Research, 2016, 80, 651-655.	2.4	46
100	Food sources of energy and nutrients in Finnish girls and boys 6â€“8 years of age â€“ the PANIC study. Food and Nutrition Research, 2016, 60, 32444.	2.9	14
101	Prevalence and associated factors of abnormal liver values in children with celiac disease. Digestive and Liver Disease, 2016, 48, 1023-1029.	2.4	24
102	Associations of TM6SF2 167K allele with liver enzymes and lipid profile in children: the PANIC Study. Pediatric Research, 2016, 79, 684-688.	2.4	14
103	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171.	36.4	506
104	The effects of a 2-year individualized and family-based lifestyle intervention on physical activity, sedentary behavior and diet in children. Preventive Medicine, 2016, 87, 81-88.	2.9	56
105	Cross-sectional associations of plasma fatty acid composition and estimated desaturase and elongase activities with cardiometabolic risk in Finnish childrenâ€”The PANIC study. Journal of Clinical Lipidology, 2016, 10, 82-91.	3.2	15
106	Adiposity, physical activity and neuromuscular performance in children. Journal of Sports Sciences, 2016, 34, 1699-1706.	1.8	24
107	Secular trends affect timing of emergence of permanent teeth. Angle Orthodontist, 2016, 86, 53-58.	2.6	19
108	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	3.0	307

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109	Diet quality and academic achievement: a prospective study among primary school children. European Journal of Nutrition, 2016, 56, 2299-2308.	3.5	40
110	Cross-Sectional Associations of Objectively-Measured Physical Activity and Sedentary Time with Body Composition and Cardiorespiratory Fitness in Mid-Childhood: The PANIC Study. Sports Medicine, 2016, 47, 769-780.	6.6	84
111	Associations of diet quality with cognition in children â€“ the Physical Activity and Nutrition in Children Study. British Journal of Nutrition, 2015, 114, 1080-1087.	2.5	52
112	Associations of Physical Performance and Adiposity with Cognition in Children. Medicine and Science in Sports and Exercise, 2015, 47, 2166-2174.	0.8	25
113	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.	3.3	393
114	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	38.7	1,561
115	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	38.7	4,431
116	Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. Diabetes, 2015, 64, 2467-2476.	4.4	82
117	VO 2max /kg is expected to be lower in obese individuals!. International Journal of Cardiology, 2015, 189, 234.	2.3	11
118	The value of cardiorespiratory fitness and exercise-induced ST segment depression in predicting death from coronary heart disease. International Journal of Cardiology, 2015, 196, 31-33.	2.3	18
119	Lateral facial profile may reveal the risk for sleep disordered breathing in childrenâ€”The PANIC-study. Acta Odontologica Scandinavica, 2015, 73, 550-555.	1.6	16
120	Assessment of body composition by dualâ€energy <scp>X</scp>â€ray absorptiometry, bioimpedance analysis and anthropometrics in children: the <scp>P</scp>hysical <scp>A</scp>ctivity and <scp>N</scp>utrition in <scp>C</scp>hildren study. Clinical Physiology and Functional Imaging, 2015, 35, 21-33.	1.2	91
121	Cardiopulmonary fitness is a function of lean mass, not total body weight: The DRâ€™s EXTRA study. European Journal of Preventive Cardiology, 2015, 22, 1171-1179.	2.1	74
122	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	26.1	408
123	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	3.0	125
124	Measures of cardiorespiratory fitness in relation to measures of body size and composition among children. Clinical Physiology and Functional Imaging, 2015, 35, 469-477.	1.2	41
125	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. European Journal of Applied Physiology, 2015, 116, 405-413.	2.0	1
126	Associations of Physical Activity and Sedentary Behavior with Academic Skills â€“ A Follow-Up Study among Primary School Children. PLoS ONE, 2014, 9, e107031.	2.4	58

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127	The Presentation of Adrenarche Is Sexually Dimorphic and Modified by Body Adiposity. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3889-3894.	4.2	62
128	A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235.	3.3	173
129	Associations of Motor and Cardiovascular Performance with Academic Skills in Children. Medicine and Science in Sports and Exercise, 2014, 46, 1016-1024.	0.8	86
130	Cardiovascular fitness and haemodynamic responses to maximal cycle ergometer exercise test in children 6â€“8 years of age. Journal of Sports Sciences, 2014, 32, 652-659.	1.8	32
131	Normal values for heart rate variability parameters in children 6â€“8Âyears of age: the <scp>PANIC</scp> Study. Clinical Physiology and Functional Imaging, 2014, 34, 290-296.	1.2	76
132	Validation of metabolic syndrome score by confirmatory factor analysis in children and adults and prediction of cardiometabolic outcomes in adults. Diabetologia, 2014, 57, 940-949.	8.6	101
133	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	26.1	1,965
134	Crossâ€Sectional Associations of Food Consumption with Plasma Fatty Acid Composition and Estimated Desaturase Activities in Finnish Children. Lipids, 2014, 49, 467-479.	1.4	26
135	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. International Journal of Behavioral Nutrition and Physical Activity, 2014, 11, .	4.6	118
136	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	26.1	1,030
137	Cardiorespiratory fitness, respiratory function and hemodynamic responses to maximal cycle ergometer exercise test in girls and boys aged 9â€“11Âyears: the PANIC Study. European Journal of Applied Physiology, 2014, 115, 235-243.	2.0	29
138	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	26.1	2,993
139	Determinants of pain and functioning in hip osteoarthritis â€“ a two-year prospective study. Clinical Rehabilitation, 2013, 27, 281-287.	3.2	22
140	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	26.1	645
141	Trans-Ethnic Fine-Mapping of Lipid Loci Identifies Population-Specific Signals and Allelic Heterogeneity That Increases the Trait Variance Explained. PLoS Genetics, 2013, 9, e1003379.	3.3	114
142	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	3.3	416
143	Metabolic Risk Factors Are Associated With Stiffness Index, Reflection Index and Finger Skin Temperature in Children. Circulation Journal, 2013, 77, 1281-1288.	1.4	15
144	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	26.1	803

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145	Clustering of Metabolic Risk Factors Is Associated with High-Normal Levels of Liver Enzymes Among 6- to 8-Year-Old Children: The PANIC Study. Metabolic Syndrome and Related Disorders, 2012, 10, 337-343.	2.1	27
146	Low-grade inflammation and depressive symptoms as predictors of abdominal obesity. Scandinavian Journal of Public Health, 2012, 40, 674-680.	2.4	26
147	Craniofacial morphology but not excess body fat is associated with risk of having sleep-disordered breathingâ€"The PANIC Study (a questionnaire-based inquiry in 6â€"8-year-olds). European Journal of Pediatrics, 2012, 171, 1747-1752.	2.4	37
148	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	26.1	1,863
149	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	26.1	826
150	Reproducibility of pulse contour analysis in children before and after maximal exercise stress test: The Physical Activity and Nutrition in Children (PANIC) Study. Clinical Physiology and Functional Imaging, 2011, , no-no.	1.2	7
151	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. PLoS Medicine, 2011, 8, e1001116.	8.5	493
152	Fine Mapping of Five Loci Associated with Low-Density Lipoprotein Cholesterol Detects Variants That Double the Explained Heritability. PLoS Genetics, 2011, 7, e1002198.	3.3	140
153	Sedentary Lifestyle And Emergence Of Hopelessness In Middle-aged Men. Medicine and Science in Sports and Exercise, 2010, 42, 58.	0.8	0
154	Sedentary lifestyle and emergence of hopelessness in middle-aged men. European Journal of Cardiovascular Prevention and Rehabilitation, 2010, 17, 524-529.	2.4	10
155	Cardiorespiratory Fitness and Metabolic Syndrome in Older Men and Women. Diabetes Care, 2010, 33, 1655-1657.	6.5	45
156	Leisure-Time Physical Activity and the Metabolic Syndrome in the Finnish Diabetes Prevention Study. Diabetes Care, 2010, 33, 1610-1617.	6.5	76
157	Leisure-time physical activity, cardiorespiratory fitness and feelings of hopelessness in men. BMC Public Health, 2009, 9, .	3.3	28
158	Usefulness of Chronotropic Incompetence in Response to Exercise as a Predictor of Myocardial Infarction in Middle-Aged Men Without Cardiovascular Disease. American Journal of Cardiology, 2008, 101, 992-998.	1.9	21
159	Interaction of single nucleotide polymorphisms in ADRB2, ADRB3, TNF, IL6, IGF1R, LIPC, LEPR, and GHRL with physical activity on the risk of type 2 diabetes mellitus and changes in characteristics of the metabolic syndrome: The Finnish Diabetes Prevention Study. Metabolism: Clinical and Experimental, 2008, 57, 428-436.	9.5	42
160	BDNF is a novel marker of cognitive function in ageing women: The DRâ€™s EXTRA Study. Neurobiology of Learning and Memory, 2008, 90, 596-603.	1.7	320
161	SNPs in PPARG Associate with Type 2 Diabetes and Interact with Physical Activity. Medicine and Science in Sports and Exercise, 2008, 40, 25-33.	0.8	45
162	Dyslipidaemia as a predictor of hypertension in middle-aged men. European Heart Journal, 2008, 29, 2561-2568.	2.3	145

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163	Chronotropic incompetence and mortality in middle-aged men with known or suspected coronary heart disease. European Heart Journal, 2008, 29, 1896-1902.	2.3	52
164	Serum high sensitivity C-reactive protein and cognitive function in elderly women. Age and Ageing, 2007, 36, 443-448.	1.8	98
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