Virpi Lindi

List of Publications by Year
in descending order

67 papers	3,656 citations	159585 30 h-index	138484 58 g-index
69 all docs	69 docs citations	69 times ranked	6699 citing authors

#	Article	IF	Citations
1	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	27.8	406
2	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	21.4	293
3	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	2.9	275
4	Promoter Polymorphisms of the TNF-Î± (G-308A) and IL-6 (C-174G) Genes Predict the Conversion From Impaired Glucose Tolerance to Type 2 Diabetes. Diabetes, 2003, 52, 1872-1876.	0.6	236
5	The Effects of the Pro12Ala Polymorphism of the Peroxisome Proliferator-Activated Receptor-Î³2 Gene on Insulin Sensitivity and Insulin Metabolism Interact With Size at Birth. Diabetes, 2002, 51, 2321-2324.	0.6	220
6	Long-Term Improvement in Insulin Sensitivity by Changing Lifestyles of People with Impaired Glucose Tolerance: 4-Year Results From the Finnish Diabetes Prevention Study. Diabetes, 2003, 52, 2532-2538.	0.6	184
7	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, 55.	4.6	109
8	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	2.9	109
9	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	3.5	95
10	Dietary factors associated with overweight and body adiposity in Finnish children aged 6â€“8 years: the PANIC Study. International Journal of Obesity, 2012, 36, 950-955.	3.4	87
11	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	10.3	86
12	Impact of the Pro12Ala polymorphism of the PPAR-Î³2 gene on serum triacylglycerol response to nâˆ’3 fatty acid supplementation. Molecular Genetics and Metabolism, 2003, 79, 52-60.	1.1	81
13	Associations of Motor and Cardiovascular Performance with Academic Skills in Children. Medicine and Science in Sports and Exercise, 2014, 46, 1016-1024.	0.4	79
14	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	78
15	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	2.9	76
16	Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. Diabetes, 2015, 64, 2467-2476.	0.6	74
17	Dietary factors and their associations with socioeconomic background in Finnish girls and boys 6â€“8 years of age: the PANIC Study. European Journal of Clinical Nutrition, 2011, 65, 1211-1218.	2.9	56
18	The Presentation of Adrenarche Is Sexually Dimorphic and Modified by Body Adiposity. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3889-3894.	3.6	53

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19	Associations of Physical Activity and Sedentary Behavior with Academic Skills â€“ A Follow-Up Study among Primary School Children. PLoS ONE, 2014, 9, e107031.	2.5	52
20	Associations of cardiorespiratory fitness, physical activity, and adiposity with arterial stiffness in children. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 943-950.	2.9	52
21	APOE polymorphism and the hypertriglyceridemic effect of dietary sucrose. American Journal of Clinical Nutrition, 2001, 73, 746-752.	4.7	48
22	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.	2.3	48
23	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.	2.3	47
24	SNPs in PPARG Associate with Type 2 Diabetes and Interact with Physical Activity. Medicine and Science in Sports and Exercise, 2008, 40, 25-33.	0.4	42
25	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	42
26	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.	3.4	41
27	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.	2.9	37
28	Maternal and fetal genetic contribution to gestational weight gain. International Journal of Obesity, 2018, 42, 775-784.	3.4	36
29	Diet quality and academic achievement: a prospective study among primary school children. European Journal of Nutrition, 2017, 56, 2299-2308.	3.9	32
30	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.	2.7	31
31	Association of Leucine 7 to Proline 7 Polymorphism in the Preproneuropeptide Y with Serum Lipids in Patients with Coronary Heart Disease. Molecular Genetics and Metabolism, 2002, 75, 260-264.	1.1	28
32	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.	2.0	27
33	Development of cortical motor circuits between childhood and adulthood: A navigated TMSâ€HdEEG study. Human Brain Mapping, 2017, 38, 2599-2615.	3.6	26
34	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	26
35	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.	1.3	25
36	Dietary quality indices in relation to cardiometabolic risk among Finnish children aged 6â€“8 years â€“ The PANIC study. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 833-841.	2.6	25

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37	Crossâ€Sectional Associations of Food Consumption with Plasma Fatty Acid Composition and Estimated Desaturase Activities in Finnish Children. Lipids, 2014, 49, 467-479.	1.7	23
38	Associations of Physical Performance and Adiposity with Cognition in Children. Medicine and Science in Sports and Exercise, 2015, 47, 2166-2174.	0.4	23
39	Interactions Between Peroxisome Proliferator-Activated Receptor Gene Polymorphism and Birth Length Influence Risk for Type 2 Diabetes. Diabetes Care, 2003, 26, 2476-2477.	8.6	22
40	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. Journal of Pain, 2016, 17, 845-853.	1.4	22
41	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.	6.3	22
42	Eating behaviour is associated with eating frequency and food consumption in 6â€“8 year-old children: The Physical Activity and Nutrition in Children (PANIC) study. Appetite, 2017, 114, 28-37.	3.7	21
43	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.	2.9	20
44	The G-250A polymorphism in the hepatic lipase gene promoter is associated with changes in hepatic lipase activity and LDL cholesterol: The KANWU Study. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 88-95.	2.6	19
45	The 148 M allele of the PNPLA3 is associated with plasma irisin levels in a population sample of Caucasian children: The PANIC Study. Metabolism: Clinical and Experimental, 2015, 64, 793-796.	3.4	19
46	Clinical signs of temporomandibular disorders and various pain conditions among children 6 to 8 years of age: the PANIC study. Journal of Orofacial Pain, 2012, 26, 17-25.	1.7	17
47	Associations of Dehydroepiandrosterone Sulfate With Cardiometabolic Risk Factors in Prepubertal Children. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2592-2600.	3.6	16
48	Associations of Objectively Measured Physical Activity and Sedentary Time With Arterial Stiffness in Pre-Pubertal Children. Pediatric Exercise Science, 2017, 29, 326-335.	1.0	15
49	Associations of TM6SF2 167K allele with liver enzymes and lipid profile in children: the PANIC Study. Pediatric Research, 2016, 79, 684-688.	2.3	14
50	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.	1.5	14
51	Genetic predisposition to adiposity is associated with increased objectively assessed sedentary time in young children. International Journal of Obesity, 2018, 42, 111-114.	3.4	14
52	Adiposity, physical activity and neuromuscular performance in children. Journal of Sports Sciences, 2016, 34, 1699-1706.	2.0	13
53	Long-Term Effects of Placental Growth on Overweight and Body Composition. International Journal of Pediatrics (United Kingdom), 2012, 2012, 1-6.	0.8	12
54	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.	4.7	11

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55	Adiposity Criteria in Assessing Increased Cardiometabolic Risk in Prepubertal Children. Frontiers in Endocrinology, 2019, 10, 410.	3.5	11
56	The relationship of sterol regulatory elementâ€“binding protein cleavageâ€“activation protein and apolipoprotein E gene polymorphisms with metabolic changes during weight reduction. Metabolism: Clinical and Experimental, 2007, 56, 876-880.	3.4	10
57	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.	2.6	10
58	Associations of dietary carbohydrate and fatty acid intakes with cognition among children. Public Health Nutrition, 2020, 23, 1657-1663.	2.2	8
59	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.	2.0	7
60	Associations of lifestyle factors with serum dehydroepiandrosterone sulphate and insulinâ€like growth factorâ€1 concentration in prepubertal children. Clinical Endocrinology, 2018, 88, 234-242.	2.4	7
61	The effects of a 2-year physical activity and dietary intervention on plasma lipid concentrations in children: the PANIC Study. European Journal of Nutrition, 2021, 60, 425-434.	3.9	6
62	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	5
63	Serum 25-Hydroxyvitamin D, Plasma Lipids, and Associated Gene Variants in Prepubertal Children. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2670-2679.	3.6	4
64	Response: food fortification as a means to increase vitamin D intake. British Journal of Nutrition, 2016, 116, 1134-1135.	2.3	3
65	Associations of IGF-1 and Adrenal Androgens with Cognition in Childhood. Hormone Research in Paediatrics, 2019, 91, 329-335.	1.8	2
66	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, 116.	4.6	2
67	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