Tuomo Tompuri

List of Publications by Citations

27 papers	647 citations	15 h-index	25 g-index
27 ext. papers	792 ext. citations	3.6 avg, IF	3.36 L-index

#	Paper	IF	Citations
27	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	8.4	89
26	Validation of metabolic syndrome score by confirmatory factor analysis in children and adults and prediction of cardiometabolic outcomes in adults. *Diabetologia*, **2014**, 57, 940-9	10.3	73
25	Associations of motor and cardiovascular performance with academic skills in children. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1016-24	1.2	66
24	Assessment of body composition by dual-energy X-ray absorptiometry, bioimpedance analysis and anthropometrics in children: the Physical Activity and Nutrition in Children study. *Clinical Physiology and Functional Imaging*, **2015**, 35, 21-33	2.4	58
23	Associations of physical activity and sedentary behavior with academic skills--a follow-up study among primary school children. *PLoS ONE*, **2014**, 9, e107031	3.7	41
22	Associations of cardiorespiratory fitness, physical activity, and adiposity with arterial stiffness in children. *Scandinavian Journal of Medicine and Science in Sports*, **2016**, 26, 943-50	4.6	38
21	Normal values for heart rate variability parameters in children 6-8 years of age: the PANIC Study. *Clinical Physiology and Functional Imaging*, **2014**, 34, 290-6	2.4	38
20	The presentation of adrenarche is sexually dimorphic and modified by body adiposity. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 3889-94	5.6	37
19	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). *European Journal of Pediatrics*, **2012**, 171, 1747-52	4.1	26
18	Measures of cardiorespiratory fitness in relation to measures of body size and composition among children. *Clinical Physiology and Functional Imaging*, **2015**, 35, 469-77	2.4	25
17	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, 337-43	2.6	25
16	Cardiovascular fitness and haemodynamic responses to maximal cycle ergometer exercise test in children 6-8 years of age. *Journal of Sports Sciences*, **2014**, 32, 652-9	3.6	22
15	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	3.4	15
14	Cardiorespiratory fitness, respiratory function and hemodynamic responses to maximal cycle ergometer exercise test in girls and boys aged 9-11 years: the PANIC Study. *European Journal of Applied Physiology*, **2015**, 115, 235-43	3.4	15
13	Metabolic risk factors are associated with stiffness index, reflection index and finger skin temperature in children--Physical Activity and Nutrition in Children (PANIC) study. *Circulation Journal*, **2013**, 77, 1281-8	2.9	15
12	Peak oxygen uptake cut-points to identify children at increased cardiometabolic risk - The PANIC Study. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 16-24	4.6	13
11	Adiposity, physical activity and neuromuscular performance in children. *Journal of Sports Sciences*, **2016**, 34, 1699-706	3.6	9

10	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1144-1152	1.2	9
9	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	6
8	Longitudinal Associations of Fitness, Motor Competence, and Adiposity with Cognition. *Medicine and Science in Sports and Exercise*, **2019**, 51, 465-471	1.2	6
7	Adiposity Criteria in Assessing Increased Cardiometabolic Risk in Prepubertal Children. *Frontiers in Endocrinology*, **2019**, 10, 410	5.7	5
6	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**, 31, 132-8	2.4	5
5	A 2‐year 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	10.3	5
4	Determinants of Cardiorespiratory Fitness in a Population Sample of Girls and Boys Aged 6 to 8 Years. *Journal of Physical Activity and Health*, **2016**, 13, 1149-1155	2.5	3
3	Changes in body composition by age and obesity status in preschool-aged children: the STEPS study. *European Journal of Clinical Nutrition*, **2021**, 75, 57-65	5.2	2
2	Relation of oxygen uptake to work rate in prepubertal healthy children - reference for VO /W-slope and effect on cardiorespiratory fitness assessment. *Clinical Physiology and Functional Imaging*, **2018**, 38, 645-651	2.4	1
1	Associations between cardiorespiratory fitness, motor competence, and adiposity in children. *Translational Sports Medicine*, **2021**, 4, 56-64	1.3	0