Eero A Haapala

List of Publications by Citations

59 papers	772 citations	16 h-index	26 g-index
68 ext. papers	1,061 ext. citations	3.4 avg, IF	4.52 L-index

#	Paper	IF	Citations
59	Cardiorespiratory fitness and motor skills in relation to cognition and academic performance in children - a review. *Journal of Human Kinetics*, **2013**, 36, 55-68	2.6	99
58	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
57	Cardiopulmonary Exercise Testing in Pediatrics. *Annals of the American Thoracic Society*, **2017**, 14, S123-S128	4.7	56
56	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*, **2017**, 47, 769-780	10.6	47
55	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
54	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
53	Physical activity and sedentary time in relation to academic achievement in children. *Journal of Science and Medicine in Sport*, **2017**, 20, 583-589	4.4	38
52	Environmental Correlates of Motor Competence in Children-The Skilled Kids Study. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	30
51	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	4.3	28
50	Associations of diet quality with cognition in children - the Physical Activity and Nutrition in Children Study. *British Journal of Nutrition*, **2015**, 114, 1080-7	3.6	27
49	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	4.6	24
48	Diet quality and academic achievement: a prospective study among primary school children. *European Journal of Nutrition*, **2017**, 56, 2299-2308	5.2	20
47	Physical Activity, Academic Performance and Cognition in Children and Adolescents. A Systematic Review. *Baltic Journal of Health and Physical Activity*, **2012**, 4,	1.9	20
46	Physical activity, sedentary behaviour, and socioeconomic status among Finnish girls and boys aged 6-8 years. *European Journal of Sport Science*, **2017**, 17, 462-472	3.9	18
45	The associations of cardiorespiratory fitness, adiposity and sports participation with arterial stiffness in youth with chronic diseases or physical disabilities. *European Journal of Preventive Cardiology*, **2017**, 24, 1102-1111	3.9	18
44	Associations of Physical Performance and Adiposity with Cognition in Children. *Medicine and Science in Sports and Exercise*, **2015**, 47, 2166-74	1.2	17
43	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

42	Associations of Objectively Measured Physical Activity and Sedentary Time With Arterial Stiffness in Pre-Pubertal Children. *Pediatric Exercise Science*, **2017**, 29, 326-335	2	13
41	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
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,	4.6	12
39	Adiposity, physical activity and neuromuscular performance in children. *Journal of Sports Sciences*, **2016**, 34, 1699-706	3.6	9
38	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1144-1152	1.2	9
37	Peak oxygen uptake, ventilatory threshold, and arterial stiffness in adolescents. *European Journal of Applied Physiology*, **2018**, 118, 2367-2376	3.4	8
36	Validity of traditional physical activity intensity calibration methods and the feasibility of self-paced walking and running on individualised calibration of physical activity intensity in children. *Scientific Reports*, **2020**, 10, 11031	4.9	8
35	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	7	7
34	Sedentary Thresholds for Accelerometry-Based Mean Amplitude Deviation and Electromyography Amplitude in 7-11 Years Old Children. *Frontiers in Physiology*, **2019**, 10, 997	4.6	7
33	Maturation changes the excitability and effective connectivity of the frontal lobe: A developmental TMS-EEG study. *Human Brain Mapping*, **2019**, 40, 2320-2335	5.9	7
32	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
31	Longitudinal Associations of Fitness, Motor Competence, and Adiposity with Cognition. *Medicine and Science in Sports and Exercise*, **2019**, 51, 465-471	1.2	6
30	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	3.6	6
29	Reproducibility of pulse wave velocity and augmentation index derived from non-invasive occlusive oscillometric tonometry analysis in adolescents. *Clinical Physiology and Functional Imaging*, **2019**, 39, 22-28	2.4	6
28	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
27	Arterial Stiffness and Its Relationship to Cardiorespiratory Fitness in Children and Young Adults with a Fontan Circulation. *Pediatric Cardiology*, **2019**, 40, 784-791	2.1	5
26	Longitudinal associations of physical activity and pubertal development with academic achievement in adolescents. *Journal of Sport and Health Science*, **2020**, 9, 265-273	8.2	5
25	Health-related correlates of psychological well-being among girls and boys 6-8 years of age: The Physical Activity and Nutrition in Children study. *Journal of Paediatrics and Child Health*, **2018**, 54, 506-509	1.3	4

24	Plasma polyunsaturated fatty acids are directly associated with cognition in overweight children but not in normal weight children. *Acta Paediatrica, International Journal of Paediatrics*, **2016**, 105, 1502-1507	3.1	4
23	Associations of cardiometabolic risk factors with heart rate variability in 6- to 8-year-old children: The PANIC Study. *Pediatric Diabetes*, **2020**, 21, 251-258	3.6	4
22	Effects of Two-Week High-Intensity Interval Training on Cognition in Adolescents A Randomized Controlled Pilot Study. *Human Movement*, **2017**, 18,	0.8	3
21	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. *European Journal of Sport Science*, **2021**, 1-10	3.9	3
20	Comparison of Classroom-Based Sedentary Time and Physical Activity in Conventional Classrooms and Open Learning Spaces Among Elementary School Students. *Frontiers in Sports and Active Living*, **2021**, 3, 626282	2.3	3
19	Associations of dietary carbohydrate and fatty acid intakes with cognition among children. *Public Health Nutrition*, **2020**, 23, 1657-1663	3.3	2
18	Associations of IGF-1 and Adrenal Androgens with Cognition in Childhood. *Hormone Research in Paediatrics*, **2019**, 91, 329-335	3.3	2
17	Associations of Sex Hormones and Hormonal Status With Arterial Stiffness in a Female Sample From Reproductive Years to Menopause.. *Frontiers in Endocrinology*, **2021**, 12, 765916	5.7	2
16	Associations of cardiorespiratory fitness, adiposity, and arterial stiffness with cognition in youth. *Physiological Reports*, **2020**, 8, e14586	2.6	2
15	Physical activity accumulation along the intensity spectrum differs between children and adults. *European Journal of Applied Physiology*, **2021**, 121, 2563-2571	3.4	2
14	Associations of cardiorespiratory fitness, physical activity, and BMI with arterial health in middle-aged men and women. *Physiological Reports*, **2020**, 8, e14438	2.6	1
13	Longitudinal associations of physical activity, sedentary time, and cardiorespiratory fitness with arterial health in children - the PANIC study. *Journal of Sports Sciences*, **2021**, 39, 1980-1987	3.6	1
12	Associations of fitness, motor competence, and adiposity with the indicators of physical activity intensity during different physical activities in children. *Scientific Reports*, **2021**, 11, 12521	4.9	1
11	Associations of Classroom Design and Classroom-Based Physical Activity with Behavioral and Emotional Engagement among Primary School Students. *Sustainability*, **2021**, 13, 8116	3.6	1
10	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	5.2	1
9	Associations of age, body size, and maturation with physical activity intensity in different laboratory tasks in children. *Journal of Sports Sciences*, **2021**, 39, 1428-1435	3.6	1
8	Exercise intervention protocol in children and young adults with cerebral palsy: the effects of strength, flexibility and gait training on physical performance, neuromuscular mechanisms and cardiometabolic risk factors (EXECP). *BMC Sports Science, Medicine and Rehabilitation*, **2021**, 13, 17	2.4	1
7	Prevention of cardiovascular diseases since early childhood - is keeping kids at normal weight the best investment?. *European Journal of Preventive Cardiology*, **2019**, 26, 1323-1325	3.9	0

List of Publications

6	Associations between cardiorespiratory fitness, motor competence, and adiposity in children. *Translational Sports Medicine*, **2021**, 4, 56-64	1.3	0
5	Physical Fitness **2020**, 1-10		
4	Allometrically scaled explosive strength, but not static strength or maximal oxygen uptake is associated with better central processing time in young males. *Journal of Sports Medicine and Physical Fitness*, **2020**, 60, 947-956	1.4	
3	Response. *Medicine and Science in Sports and Exercise*, **2021**, 53, 454	1.2	
2	Associations of Genetic Susceptibility to Alzheimer'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	4.3	
1	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.. *Frontiers in Endocrinology*, **2022**, 13, 850448	5.7	