

# Eero A Haapala

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,302  
citations

430442

18  
h-index

414034

32  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2021  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiorespiratory Fitness and Motor Skills in Relation to Cognition and Academic Performance in Children – A Review. <i>Journal of Human Kinetics</i> , 2013, 36, 55-68.	0.7	138
2	Cardiopulmonary Exercise Testing in Pediatrics. <i>Annals of the American Thoracic Society</i> , 2017, 14, S123-S128.	1.5	105
3	Associations of Motor and Cardiovascular Performance with Academic Skills in Children. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1016-1024.	0.2	79
4	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.	3.1	75
5	Environmental Correlates of Motor Competence in Children – The Skilled Kids Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1989.	1.2	56
6	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.	1.1	52
7	Associations of cardiorespiratory fitness, physical activity, and adiposity with arterial stiffness in children. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 943-950.	1.3	52
8	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.	0.6	51
9	Associations of diet quality with cognition in children – the Physical Activity and Nutrition in Children Study. <i>British Journal of Nutrition</i> , 2015, 114, 1080-1087.	1.2	47
10	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.	1.4	42
11	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.	1.6	41
12	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.	1.3	41
13	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, 953.	1.2	40
14	Diet quality and academic achievement: a prospective study among primary school children. <i>European Journal of Nutrition</i> , 2017, 56, 2299-2308.	1.8	32
15	Physical Activity, Academic Performance and Cognition in Children and Adolescents. A Systematic Review. <i>Baltic Journal of Health and Physical Activity</i> , 2012, 4, .	0.2	29
16	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.	1.2	28
17	Associations of Physical Performance and Adiposity with Cognition in Children. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2166-2174.	0.2	23
18	The associations of cardiorespiratory fitness, adiposity and sports participation with arterial stiffness in youth with chronic diseases or physical disabilities. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1102-1111.	0.8	23

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19	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.	2.9	22
20	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.	1.3	20
21	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1144-1152.	0.2	19
22	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.	0.5	15
23	Longitudinal Associations of Fitness, Motor Competence, and Adiposity with Cognition. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 465-471.	0.2	15
24	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.	1.9	14
25	Adiposity, physical activity and neuromuscular performance in children. <i>Journal of Sports Sciences</i> , 2016, 34, 1699-1706.	1.0	13
26	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. <i>European Journal of Sport Science</i> , 2022, 22, 906-915.	1.4	13
27	Associations of Sex Hormones and Hormonal Status With Arterial Stiffness in a Female Sample From Reproductive Years to Menopause. <i>Frontiers in Endocrinology</i> , 2021, 12, 765916.	1.5	12
28	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.	2.2	11
29	Sedentary Thresholds for Accelerometry-Based Mean Amplitude Deviation and Electromyography Amplitude in 7-11 Years Old Children. <i>Frontiers in Physiology</i> , 2019, 10, 997.	1.3	11
30	Peak oxygen uptake, ventilatory threshold, and arterial stiffness in adolescents. <i>European Journal of Applied Physiology</i> , 2018, 118, 2367-2376.	1.2	10
31	Longitudinal associations of physical activity and pubertal development with academic achievement in adolescents. <i>Journal of Sport and Health Science</i> , 2020, 9, 265-273.	3.3	10
32	Longitudinal and cross-sectional associations of adherence to 24-hour movement guidelines with cardiometabolic risk. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 255-266.	1.3	10
33	Effects of regular sauna bathing in conjunction with exercise on cardiovascular function: a multi-arm, randomized controlled trial. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R289-R299.	0.9	10
34	Arterial Stiffness and Its Relationship to Cardiorespiratory Fitness in Children and Young Adults with a Fontan Circulation. <i>Pediatric Cardiology</i> , 2019, 40, 784-791.	0.6	9
35	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.	1.2	9
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. <i>Scientific Reports</i> , 2020, 10, 11031.	1.6	8

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37	Associations of dietary carbohydrate and fatty acid intakes with cognition among children. <i>Public Health Nutrition</i> , 2020, 23, 1657-1663.	1.1	8
38	Associations of cardiorespiratory fitness, physical activity, and BMI with arterial health in middle-aged men and women. <i>Physiological Reports</i> , 2020, 8, e14438.	0.7	8
39	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.	1.0	7
40	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.	0.4	7
41	Reproducibility of pulse wave velocity and augmentation index derived from non-invasive occlusive oscillometric tonometry analysis in adolescents. <i>Clinical Physiology and Functional Imaging</i> , 2019, 39, 22-28.	0.5	7
42	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.	0.5	7
43	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). <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 17.	0.7	7
44	Physical activity accumulation along the intensity spectrum differs between children and adults. <i>European Journal of Applied Physiology</i> , 2021, 121, 2563-2571.	1.2	7
45	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.	1.8	6
46	Associations of cardiorespiratory fitness, adiposity, and arterial stiffness with cognition in youth. <i>Physiological Reports</i> , 2020, 8, e14586.	0.7	5
47	Comparison of Classroom-Based Sedentary Time and Physical Activity in Conventional Classrooms and Open Learning Spaces Among Elementary School Students. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 626282.	0.9	5
48	Plasma polyunsaturated fatty acids are directly associated with cognition in overweight children but not in normal weight children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1502-1507.	0.7	4
49	Effects of Two-Week High-Intensity Interval Training on Cognition in Adolescents – A Randomized Controlled Pilot Study. <i>Human Movement</i> , 2017, 18, .	0.5	4
50	Associations between cardiorespiratory fitness, motor competence, and adiposity in children. <i>Translational Sports Medicine</i> , 2021, 4, 56-64.	0.5	4
51	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.	1.0	4
52	Associations of fitness, motor competence, and adiposity with the indicators of physical activity intensity during different physical activities in children. <i>Scientific Reports</i> , 2021, 11, 12521.	1.6	4
53	The effects of an 8-year individualised lifestyle intervention on food consumption and nutrient intake from childhood to adolescence: the PANIC Study. <i>Journal of Nutritional Science</i> , 2022, 11, .	0.7	4
54	Associations of Classroom Design and Classroom-Based Physical Activity with Behavioral and Emotional Engagement among Primary School Students. <i>Sustainability</i> , 2021, 13, 8116.	1.6	3

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55	Association between cardiorespiratory fitness and metabolic health in overweight and obese adults. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.4	3
56	Associations of resting and peak fat oxidation with sex hormone profile and blood glucose control in middle-aged women. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, , .	1.1	3
57	Associations between physical activity, motor skills, executive functions and early numeracy in preschoolers. <i>European Journal of Sport Science</i> , 2023, 23, 1385-1393.	1.4	3
58	Associations of IGF-1 and Adrenal Androgens with Cognition in Childhood. <i>Hormone Research in Paediatrics</i> , 2019, 91, 329-335.	0.8	2
59	Associations of age, body size, and maturation with physical activity intensity in different laboratory tasks in children. <i>Journal of Sports Sciences</i> , 2021, 39, 1428-1435.	1.0	2
60	Prevention of cardiovascular diseases since early childhood “ is keeping kids at normal weight the best investment?. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1323-1325.	0.8	1
61	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. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5365.	1.2	1
62	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.	1.5	1
63	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.	1.2	0
64	Response. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 454-454.	0.2	0
65	Thresholds of Sedentary Behavior in Children Based on Various Measures. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 364-364.	0.2	0
66	Allometrically scaled explosive strength, but not static strength or maximal oxygen uptake is associated with better central processing time in young males. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 947-956.	0.4	0