

Eero A Haapala

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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	5.7	
58	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	5.7	2
57	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. <i>European Journal of Sport Science</i> , 2021 , 1-10	3.9	3
56	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	3.6	1
55	Physical activity accumulation along the intensity spectrum differs between children and adults. <i>European Journal of Applied Physiology</i> , 2021 , 121, 2563-2571	3.4	2
54	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	2.3	3
53	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	4.9	1
52	Associations of Classroom Design and Classroom-Based Physical Activity with Behavioral and Emotional Engagement among Primary School Students. <i>Sustainability</i> , 2021 , 13, 8116	3.6	1
51	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	5.2	1
50	Associations between cardiorespiratory fitness, motor competence, and adiposity in children. <i>Translational Sports Medicine</i> , 2021 , 4, 56-64	1.3	0
49	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	3.6	1
48	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	2.4	1
47	Response. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 454	1.2	
46	Physical Fitness 2020 , 1-10		
45	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,	4.6	12
44	Associations of dietary carbohydrate and fatty acid intakes with cognition among children. <i>Public Health Nutrition</i> , 2020 , 23, 1657-1663	3.3	2
43	Associations of cardiorespiratory fitness, physical activity, and BMI with arterial health in middle-aged men and women. <i>Physiological Reports</i> , 2020 , 8, e14438	2.6	1

42	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	1.4	
41	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1144-1152	1.2	9
40	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	3.6	4
39	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	4.9	8
38	Associations of cardiorespiratory fitness, adiposity, and arterial stiffness with cognition in youth. <i>Physiological Reports</i> , 2020 , 8, e14586	2.6	2
37	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	10.3	5
36	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	8.2	5
35	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	3.4	15
34	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	2	6
33	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	3.9	0
32	Environmental Correlates of Motor Competence in Children-The Skilled Kids Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	30
31	Longitudinal Associations of Fitness, Motor Competence, and Adiposity with Cognition. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 465-471	1.2	6
30	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	2.4	6
29	Associations of IGF-1 and Adrenal Androgens with Cognition in Childhood. <i>Hormone Research in Paediatrics</i> , 2019 , 91, 329-335	3.3	2
28	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	4.6	7
27	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	2.1	5
26	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	4.6	13
25	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	5.9	7

24	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	4.6	24
23	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	3.6	6
22	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	1.3	4
21	Peak oxygen uptake, ventilatory threshold, and arterial stiffness in adolescents. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2367-2376	3.4	8
20	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	4.3	5
19	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	2	13
18	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	3.9	18
17	Cardiopulmonary Exercise Testing in Pediatrics. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S123-S128	1.7	56
16	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	3.9	18
15	Effects of Two-Week High-Intensity Interval Training on Cognition in Adolescents [A Randomized Controlled Pilot Study]. <i>Human Movement</i> , 2017 , 18,	0.8	3
14	Diet quality and academic achievement: a prospective study among primary school children. <i>European Journal of Nutrition</i> , 2017 , 56, 2299-2308	5.2	20
13	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	10.6	47
12	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	4.4	38
11	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	7	7
10	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	3.1	4
9	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, 943-50	4.6	38
8	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	4.3	28
7	Adiposity, physical activity and neuromuscular performance in children. <i>Journal of Sports Sciences</i> , 2016 , 34, 1699-706	3.6	9

6	Associations of diet quality with cognition in children - the Physical Activity and Nutrition in Children Study. <i>British Journal of Nutrition</i> , 2015 , 114, 1080-7	3.6	27
5	Associations of Physical Performance and Adiposity with Cognition in Children. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2166-74	1.2	17
4	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	3.7	41
3	Associations of motor and cardiovascular performance with academic skills in children. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1016-24	1.2	66
2	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	2.6	99
1	Physical Activity, Academic Performance and Cognition in Children and Adolescents. A Systematic Review. <i>Baltic Journal of Health and Physical Activity</i> , 2012 , 4,	1.9	20