

# Peter Katzmarzyk

## 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.

563  
papers

40,282  
citations

95  
h-index

187  
g-index

600  
ext. papers

48,661  
ext. citations

5  
avg, IF

7.59  
L-index

#	Paper	IF	Citations
563	A collaborative approach to adopting/adapting guidelines. The Australian 24-hour movement guidelines for children (5-12 years) and young people (13-17 years): An integration of physical activity, sedentary behaviour, and sleep.. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2022</b> , 19, 2	8.4	5
562	Sibling Resemblances in Physical Fitness in Three Distinct Regions in Peru: The Peruvian Sibling Study on Growth and Health.. <i>Behavior Genetics</i> , <b>2022</b> , 1	3.2	2
561	Prevalence and Associated Factors of Excessive Recreational Screen Time Among Colombian Children and Adolescents.. <i>International Journal of Public Health</i> , <b>2022</b> , 67, 1604217	4	1
560	Intraclass correlation coefficients for weight loss cluster randomized trials in primary care: The PROPEL trial.. <i>Clinical Obesity</i> , <b>2022</b> , e12524	3.6	0
559	Regional variation in growth status. The Peruvian health and optimistic growth study. <i>American Journal of Human Biology</i> , <b>2021</b> , e23704	2.7	1
558	Cross-sectional examination of 24-hour movement behaviours among 3- and 4-year-old children in urban and rural settings in low-income, middle-income and high-income countries: the SUNRISE study protocol. <i>BMJ Open</i> , <b>2021</b> , 11, e049267	3	3
557	Obesity and cancer death in white and black adults: A prospective cohort study. <i>Obesity</i> , <b>2021</b> , 29, 2119-2125	0	0
556	Weight loss in primary care: A pooled analysis of two pragmatic cluster-randomized trials. <i>Obesity</i> , <b>2021</b> , 29, 2044-2054	8	0
555	Effects of a 2-Year Primary Care Lifestyle Intervention on Cardiometabolic Risk Factors: A Cluster-Randomized Trial. <i>Circulation</i> , <b>2021</b> , 143, 1202-1214	16.7	5
554	Physical inactivity and non-communicable disease burden in low-income, middle-income and high-income countries. <i>British Journal of Sports Medicine</i> , <b>2021</b> ,	10.3	38
553	Adolescents' sedentary time, affect, and contextual factors: An ecological momentary assessment study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2021</b> , 18, 53	8.4	0
552	Prevalence and Correlates of Meeting Physical Activity Guidelines Among Colombian Children and Adolescents. <i>Journal of Physical Activity and Health</i> , <b>2021</b> , 18, 400-417	2.5	3
551	Household chaos, family routines, and young child movement behaviors in the U.S. during the COVID-19 outbreak: a cross-sectional study. <i>BMC Public Health</i> , <b>2021</b> , 21, 860	4.1	8
550	Obesity and Cancer Risk in White and Black Adults: A Prospective Cohort Study. <i>Obesity</i> , <b>2021</b> , 29, 960-965	3	3
549	Striking the Right Balance: Evidence to Inform Combined Physical Activity and Sedentary Behavior Recommendations. <i>Journal of Physical Activity and Health</i> , <b>2021</b> , 18, 631-637	2.5	6
548	Physical activity behaviours in adolescence: current evidence and opportunities for intervention. <i>Lancet, The</i> , <b>2021</b> , 398, 429-442	40	34
547	Food Insecurity and Weight Loss in an Underserved Primary Care Population: A Post Hoc Analysis of a Cluster Randomized Trial. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 1032-1034	8	3

546	Comparison of abdominal visceral adipose tissue measurements in adolescents between magnetic resonance imaging and dual-energy X-ray absorptiometry. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 104-108	5.5	0
545	Association between visit-to-visit HbA1c variability and the risk of cardiovascular disease in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 125-135	6.7	8
544	Global Health Risk Factors <b>2021</b> , 1-48		
543	Best Practices for Meta-Reviews in Physical Activity and Health Research: Insights From the Physical Activity Guidelines for Americans Advisory Committee Scientific Report. <i>Journal of Physical Activity and Health</i> , <b>2021</b> , 18, 1437-1445	2.5	0
542	Physical activity: beneficial effects <b>2021</b> ,		
541	Prevalence and Correlates of Active Transportation to School Among Colombian Children and Adolescents. <i>Journal of Physical Activity and Health</i> , <b>2021</b> , 18, 1299-1309	2.5	1
540	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100203	18	21
539	Biological and environmental influences on motor coordination in Peruvian children and adolescents. <i>Scientific Reports</i> , <b>2021</b> , 11, 15444	4.9	1
538	Daily energy expenditure through the human life course. <i>Science</i> , <b>2021</b> , 373, 808-812	33.3	43
537	Trends in Self-Reported Sitting Time by Physical Activity Levels Among US Adults, NHANES 2007/2008-2017/2018. <i>Journal of Physical Activity and Health</i> , <b>2021</b> , 18, S74-S83	2.5	2
536	Global Health Risk Factors <b>2021</b> , 1-48		
535	Global Health Risk Factors: Physical Inactivity <b>2021</b> , 775-822		
534	Physical fitness spurts in pre-adolescent boys and girls: Timing, intensity and sequencing.. <i>Journal of Sports Sciences</i> , <b>2021</b> , 1-8	3.6	1
533	Promoting healthy movement behaviours among children during the COVID-19 pandemic. <i>The Lancet Child and Adolescent Health</i> , <b>2020</b> , 4, 416-418	14.5	127
532	Stunting and Physical Fitness. The Peruvian Health and Optimist Growth Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	3
531	Active School Transport among Children from Canada, Colombia, Finland, South Africa, and the United States: A Tale of Two Journeys. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	5
530	Breastfeeding and childhood obesity: A 12-country study. <i>Maternal and Child Nutrition</i> , <b>2020</b> , 16, e12984	3.4	10
529	Effectiveness of sodium-glucose co-transporter-2 inhibitors on ischaemic heart disease. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 1197-1206	6.7	5

528	Association between Hemoglobin A1c and Stroke Risk in Patients with Type 2 Diabetes. <i>Journal of Stroke</i> , <b>2020</b> , 22, 87-98	5.6	8
527	Why are children different in their moderate-to-vigorous physical activity levels? A multilevel analysis. <i>Jornal De Pediatria (Versão Em Português)</i> , <b>2020</b> , 96, 225-232	0.2	
526	Using mixed methods to understand women's parenting practices related to their child's outdoor play and physical activity among families living in diverse neighborhood environments. <i>Health and Place</i> , <b>2020</b> , 62, 102292	4.6	7
525	Association Between Meeting Physical Activity, Sleep, and Dietary Guidelines and Cardiometabolic Risk Factors and Adiposity in Adolescents. <i>Journal of Adolescent Health</i> , <b>2020</b> , 66, 733-739	5.8	7
524	Prevalence and correlates of objectively measured weight status among urban and rural Mozambican primary schoolchildren: A cross-sectional study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228592	3.7	6
523	Sedentary behaviour and health in adults: an overview of systematic reviews. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2020</b> , 45, S197-S217	3	67
522	Canadian 24-Hour Movement Guidelines for Adults aged 18-64 years and Adults aged 65 years or older: an integration of physical activity, sedentary behaviour, and sleep. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2020</b> , 45, S57-S102	3	117
521	A Pilot Study of Cardiorespiratory Fitness, Adiposity, and Cardiometabolic Health in Youth With Overweight and Obesity. <i>Pediatric Exercise Science</i> , <b>2020</b> , 32, 124-131	2	1
520	Sleep characteristics and health-related quality of life in 9- to 11-year-old children from 12 countries. <i>Sleep Health</i> , <b>2020</b> , 6, 4-14	4	11
519	A multilevel analysis of gross motor coordination of children and adolescents living at different altitudes: the Peruvian Health and Optimist Growth Study. <i>Annals of Human Biology</i> , <b>2020</b> , 47, 355-364	1.7	1
518	Patterns of physical performance spurts during adolescence: a cross-cultural study of Canadian, Brazilian and Portuguese boys. <i>Annals of Human Biology</i> , <b>2020</b> , 47, 346-354	1.7	3
517	World Health Organization 2020 guidelines on physical activity and sedentary behaviour. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 1451-1462	10.3	1192
516	2020 WHO guidelines on physical activity and sedentary behaviour for children and adolescents aged 5-17 years: summary of the evidence. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 141	8.4	124
515	New global guidelines on sedentary behaviour and health for adults: broadening the behavioural targets. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 151	8.4	41
514	Advancing the global physical activity agenda: recommendations for future research by the 2020 WHO physical activity and sedentary behavior guidelines development group. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 143	8.4	56
513	Breakfast skipping and overweight/obesity in first grade primary school children: A nationwide register-based study in Iceland. <i>Clinical Obesity</i> , <b>2020</b> , 10, e12384	3.6	2
512	Should we target increased physical activity or less sedentary behavior in the battle against cardiovascular disease risk development?. <i>Atherosclerosis</i> , <b>2020</b> , 311, 107-115	3.1	5
511	Change and Stability in Sibling Physical Fitness: The Portuguese Sibling Study. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 1511-1517	1.2	

510	A Systematic Review of Children's Physical Activity Patterns: Concept, Operational Definitions, Instruments, Statistical Analyses, and Health Implications. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	1
509	Trends in Adiposity and Food Insecurity Among US Adults. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2012767	10.4	12
508	A multivariate multilevel analysis of youth motor competence. The Peruvian Health and Optimist Growth Study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 2408-2419	4.6	
507	Weight Loss in Underserved Patients - A Cluster-Randomized Trial. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 909-918	59.2	25
506	Visit-to-Visit Hemoglobin A Variability Is Associated With the Risk of Lower-Extremity Amputation in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , <b>2020</b> , 43, e178-e180	14.6	3
505	Obesity, noncommunicable diseases, and COVID-19: A perfect storm. <i>American Journal of Human Biology</i> , <b>2020</b> , 32, e23484	2.7	9
504	Improving Health Behaviors Through Community Engagement: Challenge for a Healthier Louisiana. <i>Health Promotion Practice</i> , <b>2020</b> , 21, 106-113	1.8	0
503	Why are children different in their moderate-to-vigorous physical activity levels? A multilevel analysis. <i>Jornal De Pediatria</i> , <b>2020</b> , 96, 225-232	2.6	3
502	Association between Body Mass Index and Stroke Risk Among Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	9
501	Towards better evidence-informed global action: lessons learnt from the Lancet series and recent developments in physical activity and public health. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 462-468	10.3	53
500	Body mass index and movement behaviors among schoolchildren from 13 countries across a continuum of human development indices: A multinational cross-sectional study. <i>American Journal of Human Biology</i> , <b>2020</b> , 32, e23341	2.7	2
499	NUTRITIONAL STATUS, PHYSICAL ACTIVITY, SEDENTARY BEHAVIOR, DIET, AND LIFESTYLE IN CHILDHOOD: AN ANALYSIS OF RESPIRATORY DISEASES IN ADOLESCENCE. <i>Revista Paulista De Pediatria</i> , <b>2020</b> , 39, e2020007	1.2	
498	LIFESTYLE AND ANTHROPOMETRIC INDICATORS HAVE GREATER ASSOCIATIONS WITH STEPS/DAY IN BOYS THAN IN GIRLS. <i>Revista Paulista De Pediatria</i> , <b>2020</b> , 39, e2019413	1.2	1
497	Normative Peak 30-Min Cadence (Steps per Minute) Values for Older Adults: NHANES 2005-2006. <i>Journal of Aging and Physical Activity</i> , <b>2019</b> , 27, 625-632	1.6	2
496	Factors associated with objectively measured total sedentary time and screen time in children aged 9-11 years. <i>Jornal De Pediatria (Versão Em Português)</i> , <b>2019</b> , 95, 94-105	0.2	2
495	Joint associations between weekday and weekend physical activity or sedentary time and childhood obesity. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 691-700	5.5	10
494	Active streets for children: The case of the Bogotá Ciclovía. <i>PLoS ONE</i> , <b>2019</b> , 14, e0207791	3.7	18
493	Epidemiological Transition in Physical Activity and Sedentary Time in Children. <i>Journal of Physical Activity and Health</i> , <b>2019</b> , 16, 518-524	2.5	7

492	International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): Contributions to Understanding the Global Obesity Epidemic. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	24
491	Sedentary Behavior, Exercise, and Cardiovascular Health. <i>Circulation Research</i> , <b>2019</b> , 124, 799-815	15.7	354
490	Association between breakfast frequency and physical activity and sedentary time: a cross-sectional study in children from 12 countries. <i>BMC Public Health</i> , <b>2019</b> , 19, 222	4.1	7
489	Assessing Physical Activity, Sedentary Behavior, and Cardiorespiratory Fitness in Worksite Health Promotion. <i>American Journal of Health Promotion</i> , <b>2019</b> , 33, 318-326	2.5	4
488	Emotional Eating, Health Behaviours, and Obesity in Children: A 12-Country Cross-Sectional Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	16
487	Growth velocity curves and pubertal spurt parameters of Peruvian children and adolescents living at different altitudes. The Peruvian health and optimist growth study. <i>American Journal of Human Biology</i> , <b>2019</b> , 31, e23301	2.7	6
486	Correlates of Overweight in Children and Adolescents Living at Different Altitudes: The Peruvian Health and Optimist Growth Study. <i>Journal of Obesity</i> , <b>2019</b> , 2019, 2631713	3.7	3
485	Familial Resemblance in Body Shape and Composition, Metabolic Syndrome, Physical Activity and Physical Fitness: A Summary of Research in Portuguese Families and Siblings. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 651-659	2.2	3
484	Are there gross motor coordination spurts during mid-childhood?. <i>American Journal of Human Biology</i> , <b>2019</b> , 31, e23251	2.7	4
483	Cardiovascular Health, Adiposity, and Food Insecurity in an Underserved Population. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	5
482	Neighborhood Influences on Women's Parenting Practices for Adolescents' Outdoor Play: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	6
481	Prevalence and correlates of adherence to movement guidelines among urban and rural children in Mozambique: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2019</b> , 16, 94	8.4	14
480	The International Impact of the Active Healthy Kids Global Alliance Physical Activity Report Cards for Children and Youth. <i>Journal of Physical Activity and Health</i> , <b>2019</b> , 16, 679-697	2.5	9
479	Correlates of body fat and waist circumference in children from Sß Caetano do Sul, Brazil. <i>Ciencia E Saude Coletiva</i> , <b>2019</b> , 24, 4019-4030	2.2	0
478	Sibling Similarity in Metabolic Syndrome: The Portuguese Sibling Study on Growth, Fitness, Lifestyle and Health. <i>Behavior Genetics</i> , <b>2019</b> , 49, 299-309	3.2	2
477	Factors associated with team sport participation in South African children. <i>BMJ Paediatrics Open</i> , <b>2019</b> , 3, e000495	2.4	0
476	Sedentary Behavior and Health: Update from the 2018 Physical Activity Guidelines Advisory Committee. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1227-1241	1.2	155
475	Associations of Sleep with Food Cravings, Diet, and Obesity in Adolescence. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	8



474	Change and Stability in Sibling Resemblance in Obesity Markers: The Portuguese Sibling Study on Growth, Fitness, Lifestyle, and Health. <i>Journal of Obesity</i> , <b>2019</b> , 2019, 2432131	3.7	0
473	Development of Physical Performance Tasks during Rapid Growth in Brazilian Children: The Cariri Healthy Growth Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	6
472	Physical Activity in Cancer Prevention and Survival: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1252-1261	1.2	198
471	Physical Activity and Health in Children Younger than 6 Years: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1282-1291	1.2	39
470	Can waist circumference provide a new "third" dimension to BMI when predicting percentage body fat in children? Insights using allometric modelling. <i>Pediatric Obesity</i> , <b>2019</b> , 14, e12491	4.6	5
469	Associations between meeting combinations of 24-hour movement recommendations and dietary patterns of children: A 12-country study. <i>Preventive Medicine</i> , <b>2019</b> , 118, 159-165	4.3	34
468	Inverse Association Between HDL (High-Density Lipoprotein) Cholesterol and Stroke Risk Among Patients With Type 2 Diabetes Mellitus. <i>Stroke</i> , <b>2019</b> , 50, 291-297	6.7	17
467	Race and sex differences in rates of diabetic complications. <i>Journal of Diabetes</i> , <b>2019</b> , 11, 449-456	3.8	15
466	Relationships Between Outdoor Time, Physical Activity, Sedentary Time, and Body Mass Index in Children: A 12-Country Study. <i>Pediatric Exercise Science</i> , <b>2019</b> , 31, 118-129	2	8
465	Factors associated with objectively measured total sedentary time and screen time in children aged 9-11 years. <i>Jornal De Pediatria</i> , <b>2019</b> , 95, 94-105	2.6	7
464	Sarcopenic obesity and overall mortality: Results from the application of novel models of body composition phenotypes to the National Health and Nutrition Examination Survey 1999-2004. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 264-270	5.9	22
463	Promoting Successful Weight Loss in Primary Care in Louisiana (PROPEL): Rationale, design and baseline characteristics. <i>Contemporary Clinical Trials</i> , <b>2018</b> , 67, 1-10	2.3	7
462	Sleep patterns and sugar-sweetened beverage consumption among children from around the world. <i>Public Health Nutrition</i> , <b>2018</b> , 21, 2385-2393	3.3	30
461	Outdoor time and dietary patterns in children around the world. <i>Journal of Public Health</i> , <b>2018</b> , 40, e493-e501	3.5	8
460	Sources of variability in childhood obesity indicators and related behaviors. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 108-110	5.5	7
459	Inequality in physical activity, sedentary behaviour, sleep duration and risk of obesity in children: a 12-country study. <i>Obesity Science and Practice</i> , <b>2018</b> , 4, 229-237	2.6	12
458	Thresholds of physical activity associated with obesity by level of sedentary behaviour in children. <i>Pediatric Obesity</i> , <b>2018</b> , 13, 450-457	4.6	2
457	Correlates of intensity-specific physical activity in children aged 9-11 years: a multilevel analysis of UK data from the International Study of Childhood Obesity, Lifestyle and the Environment. <i>BMJ Open</i> , <b>2018</b> , 8, e018373	3	21

456	Human development index, children's health-related quality of life and movement behaviors: a compositional data analysis. <i>Quality of Life Research</i> , <b>2018</b> , 27, 1473-1482	3.7	29
455	Physical Education Classes, Physical Activity, and Sedentary Behavior in Children. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 995-1004	1.2	33
454	Adiposity and the isotherm substitution of physical activity, sedentary time and sleep among school-aged children: a compositional data analysis approach. <i>BMC Public Health</i> , <b>2018</b> , 18, 311	4.1	49
453	The home electronic media environment and parental safety concerns: relationships with outdoor time after school and over the weekend among 9-11 year old children. <i>BMC Public Health</i> , <b>2018</b> , 18, 456	4.1	11
452	Letter to the editors. <i>Journal of Public Health Policy</i> , <b>2018</b> , 39, 254-257	2.9	1
451	Can an automated sleep detection algorithm for waist-worn accelerometry replace sleep logs?. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2018</b> , 43, 1027-1032	3	11
450	Tracking of gross motor coordination in Portuguese children. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 220-228	3.6	13
449	Compositional data analysis for physical activity, sedentary time and sleep research. <i>Statistical Methods in Medical Research</i> , <b>2018</b> , 27, 3726-3738	2.3	167
448	Resemblance in physical activity levels: The Portuguese sibling study on growth, fitness, lifestyle, and health. <i>American Journal of Human Biology</i> , <b>2018</b> , 30, e23061	2.7	7
447	How Consistent are Genetic Factors in Explaining Leisure-Time Physical Activity and Sport Participation? The Portuguese Healthy Families Study. <i>Twin Research and Human Genetics</i> , <b>2018</b> , 21, 369-377	2.2	2
446	Physical activity level and body composition in a multiethnic sample of school children in Hawaii. <i>Annals of Human Biology</i> , <b>2018</b> , 45, 244-248	1.7	4
445	A 12-week randomized controlled pilot study of dance exergaming in a group: Influence on psychosocial factors in adolescent girls. <i>Cyberpsychology</i> , <b>2018</b> , 12,	3.2	5
444	The Scientific Foundation for the Physical Activity Guidelines for Americans, 2nd Edition. <i>Journal of Physical Activity and Health</i> , <b>2018</b> , 1-11	2.5	137
443	No evidence for an epidemiological transition in sleep patterns among children: a 12-country study. <i>Sleep Health</i> , <b>2018</b> , 4, 87-95	4	10
442	Temporal and bi-directional associations between sleep duration and physical activity/sedentary time in children: An international comparison. <i>Preventive Medicine</i> , <b>2018</b> , 111, 436-441	4.3	52
441	Profile Resemblance in Health-Related Markers: The Portuguese Sibling Study on Growth, Fitness, Lifestyle, and Health. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	2
440	Report Card Grades on the Physical Activity of Children and Youth Comparing 30 Very High Human Development Index Countries. <i>Journal of Physical Activity and Health</i> , <b>2018</b> , 15, S298-S314	2.5	43
439	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries. <i>Journal of Physical Activity and Health</i> , <b>2018</b> , 15, S251-S273	2.5	329



438	Sedentary time, physical activity, and adiposity in a longitudinal cohort of nonobese young adults. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 946-952	7	8
437	Joint Prevalence of Sitting Time and Leisure-Time Physical Activity Among US Adults, 2015-2016. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 2036-2038	27.4	39
436	Familial resemblance in gross motor coordination. The Peruvian Sibling Study on Growth and Health. <i>Annals of Human Biology</i> , <b>2018</b> , 45, 463-469	1.7	3
435	A multi-level analysis of individual- and school-level correlates of physical fitness in children. <i>Annals of Human Biology</i> , <b>2018</b> , 45, 470-477	1.7	3
434	Results from the United States 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , <b>2018</b> , 15, S422-S424	2.5	49
433	Energy expenditure and substrate oxidation in White and African American young adults without obesity. <i>European Journal of Clinical Nutrition</i> , <b>2018</b> , 72, 920-922	5.2	10
432	Identifying the best body-weight-status index associated with metabolic risk in youth. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2018</b> , 28, 2375-2383	4.6	12
431	A randomized controlled trial of dance exergaming for exercise training in overweight and obese adolescent girls. <i>Pediatric Obesity</i> , <b>2017</b> , 12, 120-128	4.6	41
430	Correlates of children's compliance with moderate-to-vigorous physical activity recommendations: a multilevel analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2017</b> , 27, 842-851	4.6	11
429	Mid-upper arm circumference as a screening tool for identifying children with obesity: a 12-country study. <i>Pediatric Obesity</i> , <b>2017</b> , 12, 439-445	4.6	31
428	Health-Related Quality of Life and Lifestyle Behavior Clusters in School-Aged Children from 12 Countries. <i>Journal of Pediatrics</i> , <b>2017</b> , 183, 178-183.e2	3.6	63
427	Epidemiology of Physical Activity and Exercise Training in the United States. <i>Progress in Cardiovascular Diseases</i> , <b>2017</b> , 60, 3-10	8.5	112
426	Step Tracking with Goals Increases Children's Weight Loss in Behavioral Intervention. <i>Childhood Obesity</i> , <b>2017</b> , 13, 283-290	2.5	9
425	The economic burden of physical inactivity: a systematic review and critical appraisal. <i>British Journal of Sports Medicine</i> , <b>2017</b> , 51, 1392-1409	10.3	61
424	Prevalence and factors associated with body mass index in children aged 9-11 years. <i>Jornal De Pediatria</i> , <b>2017</b> , 93, 601-609	2.6	15
423	Relationship Between Meeting 24-Hour Movement Guidelines and Cardiometabolic Risk Factors in Children. <i>Journal of Physical Activity and Health</i> , <b>2017</b> , 14, 779-784	2.5	29
422	Joint association of birth weight and physical activity/sedentary behavior with obesity in children ages 9-11 years from 12 countries. <i>Obesity</i> , <b>2017</b> , 25, 1091-1097	8	7
421	Associations of neighborhood social environment attributes and physical activity among 9-11 year old children from 12 countries. <i>Health and Place</i> , <b>2017</b> , 46, 183-191	4.6	13

4 <sup>20</sup>	Twelve weeks of dance exergaming in overweight and obese adolescent girls: Transfer effects on physical activity, screen time, and self-efficacy. <i>Journal of Sport and Health Science</i> , <b>2017</b> , 6, 4-10	8.2	47
4 <sup>19</sup>	Accelerometer-determined peak cadence and weight status in children from S̃o Caetano do Sul, Brazil. <i>Ciencia E Saude Coletiva</i> , <b>2017</b> , 22, 3689-3698	2.2	0
4 <sup>18</sup>	A cross-cultural study of physical activity and sedentariness in youth from Mozambique and Portugal. <i>Motriz Revista De Educacao Fisica</i> , <b>2017</b> , 23,	0.9	1
4 <sup>17</sup>	Associations between meeting combinations of 24-h movement guidelines and health-related quality of life in children from 12 countries. <i>Public Health</i> , <b>2017</b> , 153, 16-24	4	44
4 <sup>16</sup>	Correlates of compliance with recommended levels of physical activity in children. <i>Scientific Reports</i> , <b>2017</b> , 7, 16507	4.9	21
4 <sup>15</sup>	Prevalence and factors associated with body mass index in children aged 9-11 years. <i>Jornal De Pediatria (Vers̃o Em Portuguê)</i> , <b>2017</b> , 93, 601-609	0.2	
4 <sup>14</sup>	Does parental support moderate the effect of children's motivation and self-efficacy on physical activity and sedentary behaviour?. <i>Psychology of Sport and Exercise</i> , <b>2017</b> , 32, 153-161	4.2	9
4 <sup>13</sup>	Assessing the impact of adjusting for maturity in weight status classification in a cross-sectional sample of UK children. <i>BMJ Open</i> , <b>2017</b> , 7, e015769	3	13
4 <sup>12</sup>	Socioeconomic status and dietary patterns in children from around the world: different associations by levels of country human development?. <i>BMC Public Health</i> , <b>2017</b> , 17, 457	4.1	36
4 <sup>11</sup>	Active and strong: physical activity, muscular strength, and metabolic risk in children. <i>American Journal of Human Biology</i> , <b>2017</b> , 29, e22904	2.7	16
4 <sup>10</sup>	Multilevel modelling of somatotype components: the Portuguese sibling study on growth, fitness, lifestyle and health. <i>Annals of Human Biology</i> , <b>2017</b> , 44, 316-324	1.7	7
4 <sup>09</sup>	Relationship between Sedentariness and Moderate-to-Vigorous Physical Activity in Youth: A Multivariate Multilevel Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	8
4 <sup>08</sup>	A multilevel analysis of health-related physical fitness. The Portuguese sibling study on growth, fitness, lifestyle and health. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172013	3.7	9
4 <sup>07</sup>	Exploring Patient, Caregiver, and Healthcare Provider Perceptions of Caring for Patients With Heart Failure: What Are the Implications?. <i>Ochsner Journal</i> , <b>2017</b> , 17, 93-102	1.5	10
4 <sup>06</sup>	Healthcare Providers versus Patients' Understanding of Health Beliefs and Values. <i>Patient Experience Journal</i> , <b>2017</b> , 4, 29-37	2.7	9
4 <sup>05</sup>	Differences in motor performance between children and adolescents in Mozambique and Portugal: impact of allometric scaling. <i>Annals of Human Biology</i> , <b>2016</b> , 43, 191-200	1.7	9
4 <sup>04</sup>	Pattern changes in step count accumulation and peak cadence due to a physical activity intervention. <i>Journal of Science and Medicine in Sport</i> , <b>2016</b> , 19, 227-231	4.4	8
4 <sup>03</sup>	Combinations of Physical Activity, Sedentary Behaviour and Sleep. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 912	1.2	3

402	Relationships between Objectively Measured Physical Activity and Health Indicators in School-Aged Children and Youth. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 235-236	1.2	2
401	Physical activity, mental health, and weight gain in a longitudinal observational cohort of nonobese young adults. <i>Obesity</i> , <b>2016</b> , 24, 1969-75	8	18
400	Household-level correlates of children's physical activity levels in and across 12 countries. <i>Obesity</i> , <b>2016</b> , 24, 2150-7	8	13
399	Sedentary Behavior and Cardiovascular Morbidity and Mortality: A Science Advisory From the American Heart Association. <i>Circulation</i> , <b>2016</b> , 134, e262-79	16.7	325
398	The Canadian Assessment of Physical Literacy: Development of a Model of Children's Capacity for a Healthy, Active Lifestyle Through a Delphi Process. <i>Journal of Physical Activity and Health</i> , <b>2016</b> , 13, 214-222	2.5	62
397	Correlates of Moderate-to-Vigorous Physical Activity in Brazilian Children. <i>Journal of Physical Activity and Health</i> , <b>2016</b> , 13, 1132-1145	2.5	16
396	The Burden of Obesity, Elevated Blood Pressure, and Diabetes in Uninsured and Underinsured Adolescents. <i>Metabolic Syndrome and Related Disorders</i> , <b>2016</b> , 14, 437-441	2.6	9
395	Global Matrix 2.0: Report Card Grades on the Physical Activity of Children and Youth Comparing 38 Countries. <i>Journal of Physical Activity and Health</i> , <b>2016</b> , 13, S343-S366	2.5	278
394	Introduction to the Global Matrix 2.0: Report Card Grades on the Physical Activity of Children and Youth Comparing 38 Countries. <i>Journal of Physical Activity and Health</i> , <b>2016</b> , 13, S85-S86	2.5	16
393	Perceived and objective neighborhood support for outside of school physical activity in South African children. <i>BMC Public Health</i> , <b>2016</b> , 16, 462	4.1	11
392	Allometrically Scaled Children's Clinical and Free-Living Ambulatory Behavior. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 2407-2416	1.2	3
391	Studies of Sedentary Behavior, Activity, and Mortality: Duplication or Replication?. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 1302	1.2	1
390	Proportion of children meeting recommendations for 24-hour movement guidelines and associations with adiposity in a 12-country study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2016</b> , 13, 123	8.4	144
389	Canadian 24-Hour Movement Guidelines for Children and Youth: An Integration of Physical Activity, Sedentary Behaviour, and Sleep. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, S311-27	3	687
388	Effectiveness of Exercise on Visceral Adipose Tissue in Older South Asian Women. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 1371-8	1.2	12
387	Systematic review of sedentary behaviour and health indicators in school-aged children and youth: an update. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, S240-65	3	566
386	Combinations of physical activity, sedentary behaviour and sleep: relationships with health indicators in school-aged children and youth. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, S283-93	3	219
385	Comparison of the heart failure risk stratification performance of the CKD-EPI equation and the MDRD equation for estimated glomerular filtration rate in patients with Type 2 diabetes. <i>Diabetic Medicine</i> , <b>2016</b> , 33, 609-20	3.5	20

384	Blood pressure and all-cause mortality among patients with type 2 diabetes. <i>International Journal of Cardiology</i> , <b>2016</b> , 206, 116-21	3.2	9
383	Effects of 6-month soccer and traditional physical activity programmes on body composition, cardiometabolic risk factors, inflammatory, oxidative stress markers and cardiorespiratory fitness in obese boys. <i>Journal of Sports Sciences</i> , <b>2016</b> , 34, 1822-9	3.6	29
382	The associations between physical activity, sedentary behaviour and academic performance. <i>Journal of Science and Medicine in Sport</i> , <b>2016</b> , 19, 1004-1009	4.4	41
381	Developmental and physical-fitness associations with gross motor coordination problems in Peruvian children. <i>Research in Developmental Disabilities</i> , <b>2016</b> , 53-54, 107-14	2.7	16
380	Prospective association between body composition, physical activity and energy intake in young adults. <i>European Journal of Clinical Nutrition</i> , <b>2016</b> , 70, 482-7	5.2	9
379	HbA1c and all-cause mortality risk among patients with type 2 diabetes. <i>International Journal of Cardiology</i> , <b>2016</b> , 202, 490-6	3.2	29
378	Socioeconomic status indicators, physical activity, and overweight/obesity in Brazilian children. <i>Revista Paulista De Pediatria (English Edition)</i> , <b>2016</b> , 34, 162-170		11
377	An Allometric Modelling Approach to Identify the Optimal Body Shape Associated with, and Differences between Brazilian and Peruvian Youth Motor Performance. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149493	3.7	11
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375	Systematic review of the relationships between objectively measured physical activity and health indicators in school-aged children and youth. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, S197-239	3	860
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373	Relationship between Soft Drink Consumption and Obesity in 9-11 Years Old Children in a Multi-National Study. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	26
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370	Results From the United States of America's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , <b>2016</b> , 13, S307-S313	2.5	118
369	Physical Fitness and Risk for Type 2 Diabetes Mellitus: Reducing Risk at Any Weight. <i>Annals of Internal Medicine</i> , <b>2016</b> , 164, 620-1	8	2
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327	Association between home and school food environments and dietary patterns among 9-11-year-old children in 12 countries. <i>International Journal of Obesity Supplements</i> , <b>2015</b> , 5, S66-73	13.3	26
326	Relationships between active school transport and adiposity indicators in school-age children from low-, middle- and high-income countries. <i>International Journal of Obesity Supplements</i> , <b>2015</b> , 5, S107-14	13.3	40
325	Associations between breakfast frequency and adiposity indicators in children from 12 countries. <i>International Journal of Obesity Supplements</i> , <b>2015</b> , 5, S80-8	13.3	22
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323	An international comparison of dietary patterns in 9-11-year-old children. <i>International Journal of Obesity Supplements</i> , <b>2015</b> , 5, S17-21	13.3	42
322	The reliability and validity of a short food frequency questionnaire among 9-11-year olds: a multinational study on three middle-income and high-income countries. <i>International Journal of Obesity Supplements</i> , <b>2015</b> , 5, S22-8	13.3	34
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309	Physical activity in overweight and obese adolescents: systematic review of the effects on physical fitness components and cardiovascular risk factors. <i>Sports Medicine</i> , <b>2014</b> , 44, 1139-52	10.6	75
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159	Variability in waist circumference measurements according to anatomic measurement site. <i>Obesity</i> , <b>2009</b> , 17, 1789-95	8	93
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132	Physical activity guidelines and guides for Canadians: facts and future This article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines	3	15
131	Physical activity of Aboriginal people in Canada This article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines co-published by Applied Physiology, Nutrition, and Metabolism and the Canadian Journal of Public Health	3	10
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