

Peter Katzmarzyk

List of Publications by Citations

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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	Effect of physical inactivity on major non-communicable diseases worldwide: an analysis of burden of disease and life expectancy. <i>Lancet, The</i> , 2012 , 380, 219-29	40	4511
562	Waist circumference and not body mass index explains obesity-related health risk. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 379-84	7	1209
561	World Health Organization 2020 guidelines on physical activity and sedentary behaviour. <i>British Journal of Sports Medicine</i> , 2020 , 54, 1451-1462	10.3	1192
560	Sitting time and mortality from all causes, cardiovascular disease, and cancer. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 998-1005	1.2	1019
559	The healthcare costs of sarcopenia in the United States. <i>Journal of the American Geriatrics Society</i> , 2004 , 52, 80-5	5.6	980
558	The economic burden of physical inactivity: a global analysis of major non-communicable diseases. <i>Lancet, The</i> , 2016 , 388, 1311-24	40	946
557	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> , 2016 , 41, S197-239	3	860
556	Comparison of overweight and obesity prevalence in school-aged youth from 34 countries and their relationships with physical activity and dietary patterns. <i>Obesity Reviews</i> , 2005 , 6, 123-32	10.6	776
555	Trends over 5 decades in U.S. occupation-related physical activity and their associations with obesity. <i>PLoS ONE</i> , 2011 , 6, e19657	3.7	735
554	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> , 2016 , 41, S311-27	3	687
553	Body mass index, waist circumference, and health risk: evidence in support of current National Institutes of Health guidelines. <i>Archives of Internal Medicine</i> , 2002 , 162, 2074-9		616
552	Systematic review of sedentary behaviour and health indicators in school-aged children and youth: an update. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, S240-65	3	566
551	Ten putative contributors to the obesity epidemic. <i>Critical Reviews in Food Science and Nutrition</i> , 2009 , 49, 868-913	11.5	461
550	Putative contributors to the secular increase in obesity: exploring the roads less traveled. <i>International Journal of Obesity</i> , 2006 , 30, 1585-94	5.5	425
549	Visceral fat is an independent predictor of all-cause mortality in men. <i>Obesity</i> , 2006 , 14, 336-41	8	422
548	The economic costs associated with physical inactivity and obesity in Canada: an update. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2004 , 29, 90-115		357
547	Sedentary Behavior, Exercise, and Cardiovascular Health. <i>Circulation Research</i> , 2019 , 124, 799-815	15.7	354

546	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> , 2018 , 15, S251-S273	2.5	329
545	Sedentary Behavior and Cardiovascular Morbidity and Mortality: A Science Advisory From the American Heart Association. <i>Circulation</i> , 2016 , 134, e262-79	16.7	325
544	The relationship of waist circumference and BMI to visceral, subcutaneous, and total body fat: sex and race differences. <i>Obesity</i> , 2011 , 19, 402-8	8	314
543	The intriguing metabolically healthy but obese phenotype: cardiovascular prognosis and role of fitness. <i>European Heart Journal</i> , 2013 , 34, 389-97	9.5	295
542	Cardiorespiratory fitness attenuates the effects of the metabolic syndrome on all-cause and cardiovascular disease mortality in men. <i>Archives of Internal Medicine</i> , 2004 , 164, 1092-7		287
541	Comparisons of leisure-time physical activity and cardiorespiratory fitness as predictors of all-cause mortality in men and women. <i>British Journal of Sports Medicine</i> , 2011 , 45, 504-10	10.3	284
540	Body mass index, waist circumference, and clustering of cardiovascular disease risk factors in a biracial sample of children and adolescents. <i>Pediatrics</i> , 2004 , 114, e198-205	7.4	281
539	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> , 2016 , 13, S343-S366	2.5	278
538	Temporal trends in overweight and obesity in Canada, 1981-1996. <i>International Journal of Obesity</i> , 2002 , 26, 538-543	5.5	273
537	Metabolic syndrome, obesity, and mortality: impact of cardiorespiratory fitness. <i>Diabetes Care</i> , 2005 , 28, 391-7	14.6	268
536	Targeting the metabolic syndrome with exercise: evidence from the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1703-9	1.2	250
535	Physical activity, sedentary behavior, and health: paradigm paralysis or paradigm shift?. <i>Diabetes</i> , 2010 , 59, 2717-25	0.9	248
534	Physical activity of children: a global matrix of grades comparing 15 countries. <i>Journal of Physical Activity and Health</i> , 2014 , 11 Suppl 1, S113-25	2.5	237
533	Does the relationship between waist circumference, morbidity and mortality depend on measurement protocol for waist circumference?. <i>Obesity Reviews</i> , 2008 , 9, 312-25	10.6	234
532	Tracking of obesity and physical activity from childhood to adulthood: the Physical Activity Longitudinal Study. <i>Pediatric Obesity</i> , 2009 , 4, 281-8		230
531	Accelerometer-determined steps per day in US adults. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 1384-91	1.2	228
530	Accelerometer profiles of physical activity and inactivity in normal weight, overweight, and obese U.S. men and women. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2010 , 7, 60	8.4	226
529	Climatic influences on human body size and proportions: ecological adaptations and secular trends. <i>American Journal of Physical Anthropology</i> , 1998 , 106, 483-503	2.5	226

528	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> , 2016 , 41, S283-93	3	219
527	The International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): design and methods. <i>BMC Public Health</i> , 2013 , 13, 900	4.1	217
526	Physical inactivity, excess adiposity and premature mortality. <i>Obesity Reviews</i> , 2003 , 4, 257-90	10.6	210
525	Combined influence of body mass index and waist circumference on coronary artery disease risk factors among children and adolescents. <i>Pediatrics</i> , 2005 , 115, 1623-30	7.4	205
524	Physical Activity in Cancer Prevention and Survival: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1252-1261	1.2	198
523	The importance of waist circumference in the definition of metabolic syndrome: prospective analyses of mortality in men. <i>Diabetes Care</i> , 2006 , 29, 404-9	14.6	197
522	Stability of indicators of the metabolic syndrome from childhood and adolescence to young adulthood: the QuBec Family Study. <i>Journal of Clinical Epidemiology</i> , 2001 , 54, 190-5	5.7	192
521	Prevalence of risk factors for metabolic syndrome in adolescents: National Health and Nutrition Examination Survey (NHANES), 2001-2006. <i>JAMA Pediatrics</i> , 2009 , 163, 371-7		187
520	Body mass index is inversely related to mortality in older people after adjustment for waist circumference. <i>Journal of the American Geriatrics Society</i> , 2005 , 53, 2112-8	5.6	181
519	Profiles of sedentary behavior in children and adolescents: the US National Health and Nutrition Examination Survey, 2001-2006. <i>Pediatric Obesity</i> , 2009 , 4, 353-9		170
518	Compositional data analysis for physical activity, sedentary time and sleep research. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 3726-3738	2.3	167
517	Utility of childhood BMI in the prediction of adulthood disease: comparison of national and international references. <i>Obesity</i> , 2005 , 13, 1106-15		165
516	Less Sitting, More Physical Activity, or Higher Fitness?. <i>Mayo Clinic Proceedings</i> , 2015 , 90, 1533-40	6.4	164
515	Fully automated waist-worn accelerometer algorithm for detecting children's sleep-period time separate from 24-h physical activity or sedentary behaviors. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 53-7	3	164
514	Cardiorespiratory fitness attenuates metabolic risk independent of abdominal subcutaneous and visceral fat in men. <i>Diabetes Care</i> , 2005 , 28, 895-901	14.6	164
513	Racial differences in abdominal depot-specific adiposity in white and African American adults. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 7-15	7	162
512	Correlates of Total Sedentary Time and Screen Time in 9-11 Year-Old Children around the World: The International Study of Childhood Obesity, Lifestyle and the Environment. <i>PLoS ONE</i> , 2015 , 10, e0129622	3.7	158
511	Sedentary Behavior and Health: Update from the 2018 Physical Activity Guidelines Advisory Committee. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1227-1241	1.2	155

510	Physical activity and obesity in Canadian cancer survivors: population-based estimates from the 2005 Canadian Community Health Survey. <i>Cancer</i> , 2008 , 112, 2475-82	6.4	154
509	Definition, measurement, and health risks associated with sedentary behavior. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1295-300	1.2	153
508	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> , 2016 , 13, 123	8.4	144
507	Improving wear time compliance with a 24-hour waist-worn accelerometer protocol in the International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 11	8.4	141
506	The Scientific Foundation for the Physical Activity Guidelines for Americans, 2nd Edition. <i>Journal of Physical Activity and Health</i> , 2018 , 1-11	2.5	137
505	The physical activity transition. <i>Journal of Physical Activity and Health</i> , 2009 , 6, 269-80	2.5	135
504	Validity of the body mass index as an indicator of the risk and presence of overweight in adolescents. <i>American Journal of Clinical Nutrition</i> , 1999 , 70, 131S-136S	7	135
503	Joint effects of physical activity, body mass index, waist circumference, and waist-to-hip ratio on the risk of heart failure. <i>Circulation</i> , 2010 , 121, 237-44	16.7	132
502	Waist circumference percentiles for Canadian youth 11-18y of age. <i>European Journal of Clinical Nutrition</i> , 2004 , 58, 1011-5	5.2	132
501	Leisure time sedentary behavior, occupational/domestic physical activity, and metabolic syndrome in U.S. men and women. <i>Metabolic Syndrome and Related Disorders</i> , 2009 , 7, 529-36	2.6	131
500	Prevalence of class I, II and III obesity in Canada. <i>Cmaj</i> , 2006 , 174, 156-7	3.5	131
499	Physical Activity, Sedentary Time, and Obesity in an International Sample of Children. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2062-9	1.2	130
498	Promoting healthy movement behaviours among children during the COVID-19 pandemic. <i>The Lancet Child and Adolescent Health</i> , 2020 , 4, 416-418	14.5	127
497	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> , 2020 , 17, 141	8.4	124
496	Identifying children's nocturnal sleep using 24-h waist accelerometry. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 937-43	1.2	121
495	Geographic and demographic variation in the prevalence of overweight Canadian children. <i>Obesity</i> , 2003 , 11, 668-73		121
494	Musculoskeletal fitness and risk of mortality. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 740-4	1.2	121
493	Sedentary behaviour and life expectancy in the USA: a cause-deleted life table analysis. <i>BMJ Open</i> , 2012 , 2,	3	119

492	Relation of body mass index and skinfold thicknesses to cardiovascular disease risk factors in children: the Bogalusa Heart Study. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 210-6	7	118
491	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> , 2016 , 13, S307-S313	2.5	118
490	Discrimination of health risk by combined body mass index and waist circumference. <i>Obesity</i> , 2003 , 11, 135-42		117
489	Original article underweight, overweight and obesity: relationships with mortality in the 13-year follow-up of the Canada Fitness Survey. <i>Journal of Clinical Epidemiology</i> , 2001 , 54, 916-20	5.7	117
488	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> , 2020 , 45, S57-S102	3	117
487	Epidemiology of Physical Activity and Exercise Training in the United States. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 3-10	8.5	112
486	Tracking of cardiometabolic risk factor clustering from childhood to adulthood. <i>Pediatric Obesity</i> , 2010 , 5, 122-9		112
485	Patterns of adult stepping cadence in the 2005-2006 NHANES. <i>Preventive Medicine</i> , 2011 , 53, 178-81	4.3	111
484	Adiposity, physical fitness and incident diabetes: the physical activity longitudinal study. <i>Diabetologia</i> , 2007 , 50, 538-44	10.3	111
483	45-Year trends in women's use of time and household management energy expenditure. <i>PLoS ONE</i> , 2013 , 8, e56620	3.7	107
482	Volume of exercise and fitness nonresponse in sedentary, postmenopausal women. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 539-45	1.2	106
481	Evidence-informed physical activity guidelines for Canadian adults 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 published in <i>Applied Physiology, Nutrition and Metabolism</i> and the <i>Canadian Journal of Public Health</i>	3	104
480	Thinness and body shape of Playboy centerfolds from 1978 to 1998. <i>International Journal of Obesity</i> , 2001 , 25, 590-2 <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, S16-S68	5.5	103
479	Obesity, overweight and ethnicity. <i>Health Reports</i> , 2005 , 16, 23-34	4.7	103
478	Screen time, physical activity, and overweight in U.S. youth: national survey of children's health 2003. <i>Journal of Adolescent Health</i> , 2010 , 47, 309-11	5.8	100
477	Physical activity, physical fitness, and coronary heart disease risk factors in youth: the Québec Family Study. <i>Preventive Medicine</i> , 1999 , 29, 555-62	4.3	100
476	Overweight and obesity in Canadian adolescents and their associations with dietary habits and physical activity patterns. <i>Journal of Adolescent Health</i> , 2004 , 35, 360-7	5.8	99
475	Standing and mortality in a prospective cohort of Canadian adults. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 940-6	1.2	98

474	Genome-wide linkage scan for the metabolic syndrome in the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5935-43	5.6	98
473	Cardiorespiratory fitness is associated with lower abdominal fat independent of body mass index. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 286-91	1.2	98
472	Relationship between lifestyle behaviors and obesity in children ages 9-11: Results from a 12-country study. <i>Obesity</i> , 2015 , 23, 1696-702	8	97
471	Aerobic fitness, body mass index, and CVD risk factors among adolescents: the Qubec family study. <i>International Journal of Obesity</i> , 2005 , 29, 1077-83	5.5	97
470	Cardiorespiratory fitness is associated with diminished total and abdominal obesity independent of body mass index. <i>International Journal of Obesity</i> , 2003 , 27, 204-10	5.5	96
469	Variability in waist circumference measurements according to anatomic measurement site. <i>Obesity</i> , 2009 , 17, 1789-95	8	93
468	International prevalence of physical activity in youth and adults. <i>Obesity Reviews</i> , 2008 , 9, 606-14	10.6	93
467	Accelerometer steps/day translation of moderate-to-vigorous activity. <i>Preventive Medicine</i> , 2011 , 53, 31-3	4.3	92
466	Temporal trends in overweight and obesity in Canada, 1981-1996 2002 , 26, 538-43		92
465	The independent and combined associations of physical activity and sedentary behavior with obesity in adults: NHANES 2003-06. <i>Obesity</i> , 2013 , 21, E730-7	8	90
464	Ethnic and sex differences in body fat and visceral and subcutaneous adiposity in children and adolescents. <i>International Journal of Obesity</i> , 2012 , 36, 1261-9	5.5	89
463	Development of health-related waist circumference thresholds within BMI categories. <i>Obesity</i> , 2004 , 12, 1094-103		88
462	A population-based approach to define body-composition phenotypes. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 1369-77	7	85
461	Time spent in physical activity and sedentary behaviors on the working day: the American time use survey. <i>Journal of Occupational and Environmental Medicine</i> , 2011 , 53, 1382-7	2	85
460	Accelerometer-determined steps/day and metabolic syndrome. <i>American Journal of Preventive Medicine</i> , 2010 , 38, 575-82	6.1	85
459	Fitness alters the associations of BMI and waist circumference with total and abdominal fat. <i>Obesity</i> , 2004 , 12, 525-37		85
458	Physical activity and immigrant status: evidence from the Canadian Community Health Survey. <i>Canadian Journal of Public Health</i> , 2006 , 97, 277-82	3.2	84
457	Low levels of physical activity are associated with dysregulation of energy intake and fat mass gain over 1 year. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1332-8	7	82

456	Body mass index versus waist circumference as predictors of mortality in Canadian adults. <i>International Journal of Obesity</i> , 2012 , 36, 1450-4	5.5	82
455	Accelerometer-determined steps per day in US children and youth. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 2244-50	1.2	80
454	Physical activity and fitness in an international growth standard for preadolescent and adolescent children. <i>Food and Nutrition Bulletin</i> , 2006 , 27, S295-313	1.8	80
453	Overweight and obesity mortality trends in Canada, 1985-2000. <i>Canadian Journal of Public Health</i> , 2004 , 95, 16-20	3.2	80
452	Anthropometric correlates of total body fat, abdominal adiposity, and cardiovascular disease risk factors in a biracial sample of men and women. <i>Mayo Clinic Proceedings</i> , 2012 , 87, 452-60	6.4	79
451	The economic burden of physical inactivity in Canada. <i>Cmaj</i> , 2000 , 163, 1435-40	3.5	79
450	The Canadian obesity epidemic: an historical perspective. <i>Obesity</i> , 2002 , 10, 666-74		78
449	Ethnic-specific BMI and waist circumference thresholds. <i>Obesity</i> , 2011 , 19, 1272-8	8	77
448	Contribution of Organized Sports Participation to Estimated Daily Energy Expenditure in Youth. <i>Pediatric Exercise Science</i> , 1998 , 10, 378-386	2	76
447	Reconsidering the sedentary behaviour paradigm. <i>PLoS ONE</i> , 2014 , 9, e86403	3.7	76
446	Physical activity in overweight and obese adolescents: systematic review of the effects on physical fitness components and cardiovascular risk factors. <i>Sports Medicine</i> , 2014 , 44, 1139-52	10.6	75
445	An evolving scientific basis for the prevention and treatment of pediatric obesity. <i>International Journal of Obesity</i> , 2014 , 38, 887-905	5.5	73
444	Distinct trajectories of leisure time physical activity and predictors of trajectory class membership: a 22 year cohort study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008 , 5, 57	8.4	70
443	Birth weight and its relationship to size attained and relative fat distribution at 7 to 12 years of age. <i>Obesity</i> , 1996 , 4, 385-90		70
442	Accelerometer-determined moderate intensity lifestyle activity and cardiometabolic health. <i>Preventive Medicine</i> , 2011 , 52, 358-60	4.3	69
441	Influence of central and extremity circumferences on all-cause mortality in men and women. <i>Obesity</i> , 2008 , 16, 2690-5	8	69
440	Metabolic syndrome and diabetes, alone and in combination, as predictors of cardiovascular disease mortality among men. <i>Diabetes Care</i> , 2009 , 32, 1289-94	14.6	68
439	Sedentary behaviour and health in adults: an overview of systematic reviews. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, S197-S217	3	67

438	Results from the United states' 2014 report card on physical activity for children and youth. <i>Journal of Physical Activity and Health</i> , 2014 , 11 Suppl 1, S105-12	2.5	66
437	Maternal gestational diabetes and childhood obesity at age 9-11: results of a multinational study. <i>Diabetologia</i> , 2016 , 59, 2339-2348	10.3	66
436	Normative steps/day values for older adults: NHANES 2005-2006. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 1426-32	6.4	64
435	Associations between sleep patterns and lifestyle behaviors in children: an international comparison. <i>International Journal of Obesity Supplements</i> , 2015 , 5, S59-65	13.3	64
434	Validity assessment of a portable bioimpedance scale to estimate body fat percentage in white and African-American children and adolescents. <i>Pediatric Obesity</i> , 2013 , 8, e29-32	4.6	64
433	Elevated C-reactive protein in children from risky neighborhoods: evidence for a stress pathway linking neighborhoods and inflammation in children. <i>PLoS ONE</i> , 2012 , 7, e45419	3.7	64
432	Health-Related Quality of Life and Lifestyle Behavior Clusters in School-Aged Children from 12 Countries. <i>Journal of Pediatrics</i> , 2017 , 183, 178-183.e2	3.6	63
431	The pediatric obesity epidemic continues unabated in Bogalusa, Louisiana. <i>Pediatrics</i> , 2010 , 125, 900-5	7.4	63
430	Occupational, commuting, and leisure-time physical activity in relation to heart failure among Finnish men and women. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1140-8	15.1	63
429	Changes in blood lipids consequent to aerobic exercise training related to changes in body fatness and aerobic fitness. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 841-8	12.7	63
428	Physical activity and health-related fitness in youth: a multivariate analysis. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 709-14	1.2	63
427	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> , 2016 , 13, 214-222	2.5	62
426	Relationships between Parental Education and Overweight with Childhood Overweight and Physical Activity in 9-11 Year Old Children: Results from a 12-Country Study. <i>PLoS ONE</i> , 2016 , 11, e0147746	3.7	62
425	The economic burden of physical inactivity: a systematic review and critical appraisal. <i>British Journal of Sports Medicine</i> , 2017 , 51, 1392-1409	10.3	61
424	Television viewing, physical activity, and health-related fitness of youth in the QuBec Family Study. <i>Journal of Adolescent Health</i> , 1998 , 23, 318-25	5.8	61
423	Genetics of physical activity and physical inactivity in humans. <i>Behavior Genetics</i> , 2012 , 42, 559-78	3.2	60
422	Frequently reported activities by intensity for U.S. adults: the American Time Use Survey. <i>American Journal of Preventive Medicine</i> , 2010 , 39, e13-20	6.1	60
421	Lifestyle factors in relation to heart failure among Finnish men and women. <i>Circulation: Heart Failure</i> , 2011 , 4, 607-12	7.6	60

4 ²⁰	Body mass index and the risk of all-cause mortality among patients with type 2 diabetes mellitus. <i>Circulation</i> , 2014 , 130, 2143-51	16.7	59
4 ¹⁹	The contribution of biological maturation to the strength and motor fitness of children. <i>Annals of Human Biology</i> , 1997 , 24, 493-505	1.7	59
4 ¹⁸	Comparison of the heart rate-monitoring and factorial methods: assessment of energy expenditure in highland and coastal Ecuadoreans. <i>American Journal of Clinical Nutrition</i> , 1995 , 61, 1146-1152	7	59
4 ¹⁷	Obesity and physical activity among Aboriginal Canadians. <i>Obesity</i> , 2008 , 16, 184-90	8	58
4 ¹⁶	Peak stepping cadence in free-living adults: 2005-2006 NHANES. <i>Journal of Physical Activity and Health</i> , 2012 , 9, 1125-9	2.5	57
4 ¹⁵	Body mass index and risk of cardiovascular disease, cancer and all-cause mortality. <i>Canadian Journal of Public Health</i> , 2012 , 103, 147-51	3.2	56
4 ¹⁴	Clinical utility of visceral adipose tissue for the identification of cardiometabolic risk in white and African American adults. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 480-6	7	56
4 ¹³	Duration of overweight and metabolic health risk in American men and women. <i>Annals of Epidemiology</i> , 2004 , 14, 585-91	6.4	56
4 ¹²	Prediction of physical activity and physical work capacity (PWC150) in young adulthood from childhood and adolescence with consideration of parental measures. <i>American Journal of Human Biology</i> , 2001 , 13, 190-6	2.7	56
4 ¹¹	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> , 2020 , 17, 143	8.4	56
4 ¹⁰	Birth weight and childhood obesity: a 12-country study. <i>International Journal of Obesity Supplements</i> , 2015 , 5, S74-9	13.3	55
4 ⁰⁹	Television, Reading, and Computer Time: Correlates of School-Day Leisure-Time Sedentary Behavior and Relationship With Overweight in Children in the U.S. <i>Journal of Physical Activity and Health</i> , 2011 , 8, S188-S197	2.5	55
4 ⁰⁸	Physical activity and the metabolic syndrome in Canada. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006 , 31, 40-7	3	54
4 ⁰⁷	Physical activity and ethnicity: evidence from the Canadian Community Health Survey. <i>Canadian Journal of Public Health</i> , 2006 , 97, 271-6	3.2	54
4 ⁰⁶	Television, adiposity, and cardiometabolic risk in children and adolescents. <i>American Journal of Preventive Medicine</i> , 2013 , 44, 40-7	6.1	53
4 ⁰⁵	Trial of prevention and reduction of obesity through active living in clinical settings: a randomized controlled trial. <i>Archives of Internal Medicine</i> , 2012 , 172, 414-24		53
4 ⁰⁴	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> , 2020 , 54, 462-468	10.3	53
4 ⁰³	The utility of the international child and adolescent overweight guidelines for predicting coronary heart disease risk factors. <i>Journal of Clinical Epidemiology</i> , 2003 , 56, 456-62	5.7	52

402	Seven-year stability of indicators of obesity and adipose tissue distribution in the Canadian population. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 1123-9	7	52
401	Temporal and bi-directional associations between sleep duration and physical activity/sedentary time in children: An international comparison. <i>Preventive Medicine</i> , 2018 , 111, 436-441	4.3	52
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399	Seven-year stability of physical activity and musculoskeletal fitness in the Canadian population. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1905-11	1.2	51
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