

John J Reilly

List of Publications by Citations

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106
papers

6,220
citations

40
h-index

78
g-index

111
ext. papers

7,374
ext. citations

4.6
avg, IF

5.9
L-index

#	Paper	IF	Citations
106	Objectively measured physical activity and sedentary time in youth: the International children's accelerometry database (ICAD). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 113	8.4	407
105	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
104	Fundamental movement skills and habitual physical activity in young children. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 684-8	1.2	309
103	Associations between objectively measured habitual physical activity and adiposity in children and adolescents: Systematic review. <i>Pediatric Obesity</i> , 2010 , 5, 3-18		304
102	Methodological considerations in using accelerometers to assess habitual physical activity in children aged 0-5 years. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 557-67	4.4	288
101	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
100	Use of accelerometers in a large field-based study of children: protocols, design issues, and effects on precision. <i>Journal of Physical Activity and Health</i> , 2008 , 5 Suppl 1, S98-111	2.5	265
99	Physical activity to prevent obesity in young children: cluster randomised controlled trial. <i>BMJ, The</i> , 2006 , 333, 1041	5.9	263
98	Canadian 24-Hour Movement Guidelines for the Early Years (0-4 years): An Integration of Physical Activity, Sedentary Behaviour, and Sleep. <i>BMC Public Health</i> , 2017 , 17, 874	4.1	253
97	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
96	Timing of the decline in physical activity in childhood and adolescence: Gateshead Millennium Cohort Study. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1002-1006	10.3	173
95	Monitoring of Physical Activity in Young Children: How Much Is Enough?. <i>Pediatric Exercise Science</i> , 2006 , 18, 483-491	2	152
94	An objective method for measurement of sedentary behavior in 3- to 4-year olds. <i>Obesity</i> , 2003 , 11, 1155-8		152
93	Longitudinal study of physical activity and sedentary behavior in children. <i>Pediatrics</i> , 2011 , 127, e24-30	7.4	150
92	Systematic review of the relationships between sedentary behaviour and health indicators in the early years (0-4 years). <i>BMC Public Health</i> , 2017 , 17, 868	4.1	143
91	Physical activity, sedentary behaviour and energy balance in the preschool child: opportunities for early obesity prevention. <i>Proceedings of the Nutrition Society</i> , 2008 , 67, 317-25	2.9	137
90	Predictive validity and classification accuracy of ActiGraph energy expenditure equations and cut-points in young children. <i>PLoS ONE</i> , 2013 , 8, e79124	3.7	100

89	Seasonality in Physical Activity and Sedentary Behavior in Young Children. <i>Pediatric Exercise Science</i> , 2005 , 17, 31-40	2	96
88	Correlates of objectively measured physical activity and sedentary behaviour in English children. <i>European Journal of Public Health</i> , 2011 , 21, 424-31	2.1	87
87	Longitudinal changes in moderate-to-vigorous-intensity physical activity in children and adolescents: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2020 , 21, e12953	10.6	84
86	Assessment of childhood obesity: national reference data or international approach?. <i>Obesity</i> , 2002 , 10, 838-40		74
85	Variations in accelerometry measured physical activity and sedentary time across Europe - harmonized analyses of 47,497 children and adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 38	8.4	71
84	Determining the worldwide prevalence of obesity. <i>Lancet, The</i> , 2018 , 391, 1773-1774	40	71
83	Timing of adiposity rebound and adiposity in adolescence. <i>Pediatrics</i> , 2014 , 134, e1354-61	7.4	70
82	Validity, practical utility, and reliability of the activPAL in preschool children. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 761-8	1.2	70
81	Physical activity, sedentary behavior, and adiposity in English children. <i>American Journal of Preventive Medicine</i> , 2012 , 42, 445-51	6.1	66
80	Incidence of obesity during childhood and adolescence in a large contemporary cohort. <i>Preventive Medicine</i> , 2011 , 52, 300-4	4.3	61
79	Duration of exclusive breast-feeding: introduction of complementary feeding may be necessary before 6 months of age. <i>British Journal of Nutrition</i> , 2005 , 94, 869-72	3.6	59
78	Development of sedentary behavior across childhood and adolescence: longitudinal analysis of the Gateshead Millennium Study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 88	8.4	57
77	When does it all go wrong? Longitudinal studies of changes in moderate-to-vigorous-intensity physical activity across childhood and adolescence. <i>Journal of Exercise Science and Fitness</i> , 2016 , 14, 1-6	3.1	54
76	Contribution of Walking to School to Individual and Population Moderate-Vigorous Intensity Physical Activity: Systematic Review and Meta-Analysis. <i>Pediatric Exercise Science</i> , 2016 , 28, 353-63	2	52
75	Stability of habitual physical activity and sedentary behavior monitoring by accelerometry in 6- to 8-year-olds. <i>Journal of Physical Activity and Health</i> , 2011 , 8, 543-7	2.5	52
74	Validation of Actigraph accelerometer estimates of total energy expenditure in young children. <i>Pediatric Obesity</i> , 2006 , 1, 161-7		50
73	Longitudinal associations between sports participation, body composition and physical activity from childhood to adolescence. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 178-82	4.4	46
72	Early predictors of objectively measured physical activity and sedentary behaviour in 8-10 year old children: the Gateshead Millennium Study. <i>PLoS ONE</i> , 2012 , 7, e37975	3.7	46

71	Cohort profile: the Gateshead Millennium Study. <i>International Journal of Epidemiology</i> , 2011 , 40, 308-17	7.8	44
70	Metabolisable energy consumption in the exclusively breast-fed infant aged 3–6 months from the developed world: a systematic review. <i>British Journal of Nutrition</i> , 2005 , 94, 56-63	3.6	43
69	No evidence for an effect of nutritional status at diagnosis on prognosis in children with acute lymphoblastic leukemia. <i>Journal of Pediatric Hematology/Oncology</i> , 1998 , 20, 534-8	1.2	43
68	Assessment of body composition in infants and children. <i>Nutrition</i> , 1998 , 14, 821-5	4.8	41
67	Comparison of accelerometer measured levels of physical activity and sedentary time between obese and non-obese children and adolescents: a systematic review. <i>BMC Pediatrics</i> , 2018 , 18, 106	2.6	40
66	Epidemiological and physiological approaches to understanding the etiology of pediatric obesity: finding the needle in the haystack. <i>Pediatric Research</i> , 2007 , 61, 646-52	3.2	40
65	Objective measurement of sedentary behavior: impact of non-wear time rules on changes in sedentary time. <i>BMC Public Health</i> , 2015 , 15, 504	4.1	34
64	Physical activity, diet and other behavioural interventions for improving cognition and school achievement in children and adolescents with obesity or overweight. <i>The Cochrane Library</i> , 2018 , 1, CD009728	5.2	34
63	Longitudinal Associations Between Childhood Obesity and Academic Achievement: Systematic Review with Focus Group Data. <i>Current Obesity Reports</i> , 2017 , 6, 297-313	8.4	34
62	The South African 24-Hour Movement Guidelines for Birth to 5 Years: An Integration of Physical Activity, Sitting Behavior, Screen Time, and Sleep. <i>Journal of Physical Activity and Health</i> , 2020 , 17, 109-119	1.5	32
61	The social patterning of fat and lean mass in a contemporary cohort of children. <i>Pediatric Obesity</i> , 2006 , 1, 59-61		31
60	Equating accelerometer estimates among youth: The Rosetta Stone 2. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 242-249	4.4	29
59	Obesity and metabolic syndrome in adolescent survivors of standard risk childhood acute lymphoblastic leukemia in Saudi Arabia. <i>Pediatric Blood and Cancer</i> , 2012 , 59, 133-7	3	28
58	Risk factors for eating disorder symptoms at 12 years of age: A 6-year longitudinal cohort study. <i>Appetite</i> , 2017 , 108, 12-20	4.5	27
57	Childhood Obesity: An Overview. <i>Children and Society</i> , 2007 , 21, 390-396	1.4	27
56	Accelerometer measured levels of moderate-to-vigorous intensity physical activity and sedentary time in children and adolescents with chronic disease: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017 , 12, e0179429	3.7	26
55	Timing of excess weight gain in the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Pediatrics</i> , 2011 , 127, e730-6	7.4	26
54	Physical activity and obesity in childhood and adolescence. <i>Lancet, The</i> , 2005 , 366, 268-9	4.0	26

53	Objectively measured physical activity levels of children and adolescents in rural South Africa: high volume of physical activity at low intensity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 81-4	3	25
52	Seasonal changes in objectively measured sedentary behavior and physical activity in Japanese primary school children. <i>BMC Public Health</i> , 2016 , 16, 969	4.1	24
51	Pragmatic evaluation of the Go2Play Active Play intervention on physical activity and fundamental movement skills in children. <i>Preventive Medicine Reports</i> , 2017 , 7, 58-63	2.6	22
50	Health related quality of life of obese adolescents in Kuwait. <i>BMC Pediatrics</i> , 2013 , 13, 105	2.6	22
49	Early-Life Obesity Prevention: Critique of Intervention Trials During the First One Thousand Days. <i>Current Obesity Reports</i> , 2017 , 6, 127-133	8.4	20
48	Effect of choice of outcome measure on studies of the etiology of obesity in children. <i>Annals of Epidemiology</i> , 2012 , 22, 888-91	6.4	20
47	Utilising active play interventions to promote physical activity and improve fundamental movement skills in children: a systematic review and meta-analysis. <i>BMC Public Health</i> , 2018 , 18, 789	4.1	19
46	Validation of activPAL defined sedentary time and breaks in sedentary time in 4- to 6-year-olds. <i>Pediatric Exercise Science</i> , 2014 , 26, 110-7	2	19
45	The influence of minimum sitting period of the ActivPAL on the measurement of breaks in sitting in young children. <i>PLoS ONE</i> , 2013 , 8, e71854	3.7	17
44	Results From Japan's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S189-S194	2.5	17
43	Prevalence of obesity among school-age children and adolescents in the Gulf cooperation council (GCC) states: a systematic review. <i>BMC Obesity</i> , 2019 , 6, 3	3.6	17
42	Physical activity, sedentary behaviour, and sleep: movement behaviours in early life. <i>The Lancet Child and Adolescent Health</i> , 2018 , 2, 233-235	14.5	16
41	Validation and calibration of the activPAL for estimating METs and physical activity in 4-6 year olds. <i>Journal of Science and Medicine in Sport</i> , 2014 , 17, 602-6	4.4	16
40	Results from the Japan's 2018 report card on physical activity for children and youth. <i>Journal of Exercise Science and Fitness</i> , 2019 , 17, 20-25	3.1	16
39	Objective measurement of posture and posture transitions in the pre-school child. <i>Physiological Measurement</i> , 2012 , 33, 1913-21	2.9	15
38	Physical activity interventions in early life aimed at reducing later risk of obesity and related non-communicable diseases: A rapid review of systematic reviews. <i>Obesity Reviews</i> , 2019 , 20 Suppl 1, 61-73	10.6	13
37	Contribution of School Recess to Daily Physical Activity: Systematic Review and Evidence Appraisal. <i>Health Behavior and Policy Review</i> , 2016 , 3, 581-589	1.2	13
36	International Comparison of the Levels and Potential Correlates of Objectively Measured Sedentary Time and Physical Activity among Three-to-Four-Year-Old Children. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	12

35	Non-linear longitudinal associations between moderate-to-vigorous physical activity and adiposity across the adiposity distribution during childhood and adolescence: Gateshead Millennium Study. <i>International Journal of Obesity</i> , 2019 , 43, 744-750	5.5	12
34	Body mass index vs deuterium dilution method for establishing childhood obesity prevalence, Ghana, Kenya, Mauritius, Morocco, Namibia, Senegal, Tunisia and United Republic of Tanzania. <i>Bulletin of the World Health Organization</i> , 2018 , 96, 772-781	8.2	12
33	An active play intervention to improve physical activity and fundamental movement skills in children of low socio-economic status: feasibility cluster randomised controlled trial. <i>Pilot and Feasibility Studies</i> , 2019 , 5, 45	1.9	11
32	Impact of using national v. international definitions of underweight, overweight and obesity: an example from Kuwait. <i>Public Health Nutrition</i> , 2011 , 14, 2074-8	3.3	11
31	GRADE-ADOLOPMENT Process to Develop 24-Hour Movement Behavior Recommendations and Physical Activity Guidelines for the Under 5s in the United Kingdom, 2019. <i>Journal of Physical Activity and Health</i> , 2020 , 17, 101-108	2.5	11
30	Longitudinal changes in vigorous intensity physical activity from childhood to adolescence: Gateshead Millennium Study. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 450-455	4.4	10
29	Obesity in young children and its relationship with diagnosis of asthma, vitamin D deficiency, iron deficiency, specific allergies and flat-footedness: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021 , 22, e13129	10.6	10
28	Energy balance and its measurement in childhood disease. <i>Pediatric Blood and Cancer</i> , 2008 , 50, 452-5; discussion 468	3	9
27	Appropriateness of the definition of 'sedentary' in young children: Whole-room calorimetry study. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 565-8	4.4	8
26	Results From Scotland's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S251-S255	2.5	8
25	Prevalence of being underweight and overweight and obesity at diagnosis in UK patients with childhood acute lymphoblastic leukaemia 1985-2002. <i>Journal of Human Nutrition and Dietetics</i> , 2014 , 27, 76-9	3.1	8
24	Practical utility and reliability of whole-room calorimetry in young children. <i>British Journal of Nutrition</i> , 2013 , 109, 1917-22	3.6	8
23	Paediatric obesity and brain functioning: The role of physical activity-A novel and important expert opinion of the European Childhood Obesity Group. <i>Pediatric Obesity</i> , 2020 , 15, e12649	4.6	7
22	Influence of adiposity on health-related quality of life in the Gateshead Millennium Study cohort: longitudinal study at 12 years. <i>Archives of Disease in Childhood</i> , 2015 , 100, 779-83	2.2	6
21	Predictive Validity of a Thigh-Worn Accelerometer METs Algorithm in 5- to 12-Year-old Children. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S78-83	2.5	6
20	Changes in Weight, Sedentary Behaviour and Physical Activity during the School Year and Summer Vacation. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	6
19	Bidirectional Associations Between Adiposity, Sedentary Behavior, and Physical Activity: A Longitudinal Study in Children. <i>Journal of Physical Activity and Health</i> , 2018 , 1-9	2.5	6
18	Development and feasibility testing of an intervention to support active lifestyles in youths with type 1 diabetes-the ActivPals programme: a study protocol. <i>Pilot and Feasibility Studies</i> , 2016 , 2, 66	1.9	5

17	Disease Management Programs Targeting Obesity in Children. <i>Disease Management and Health Outcomes</i> , 2008 , 16, 255-266		5
16	Feasibility and pilot study of an intervention to support active lifestyles in youth with type 1 diabetes: The ActivPals study. <i>Pediatric Diabetes</i> , 2018 , 19, 443-449	3.6	5
15	Evidence-based obesity prevention in childhood and adolescence: critique of recent etiological studies, preventive interventions, and policies. <i>Advances in Nutrition</i> , 2012 , 3, 636S-641S	10	4
14	Importance of adjusting dual-energy X-ray output for body size: an example from survivors of childhood acute lymphoblastic leukemia. <i>Journal of Pediatric Hematology/Oncology</i> , 2013 , 35, e27-9	1.2	3
13	Classification Accuracy of Body Mass Index for Excessive Body Fatness in Kuwaiti Adolescent Girls and Young Adult Women. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 1043-1049 ³	3.4	3
12	Interventions to Increase Moderate-to-Vigorous Physical Activity in Elementary School Physical Education Lessons: Systematic Review. <i>Journal of School Health</i> , 2021 , 91, 836-845	2.1	3
11	Nature-based early childhood education for child health, wellbeing and development: a mixed-methods systematic review protocol. <i>Systematic Reviews</i> , 2020 , 9, 226	3	2
10	Associations between meeting 24-hour movement guidelines and health in the early years: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2021 , 39, 2545-2557	3.6	2
9	Public health surveillance of habitual physical activity in adolescents and adults in Namibia: a cross-sectional validation of activity questionnaires against accelerometry. <i>Journal of Public Health</i> , 2020 ,	3.5	1
8	Compliance with a physical activity guideline among junior high school students. <i>Pediatrics International</i> , 2021 , 63, 1514-1520	1.2	1
7	Feasibility of wearable cameras to assess screen time and time spent restrained in children aged 3 to 5 years: a study protocol. <i>BMJ Open</i> , 2019 , 9, e028265	3	1
6	Nature-Based Early Childhood Education and Children's Social, Emotional and Cognitive Development: A Mixed-Methods Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 5967	4.6	1
5	Level of agreement between objectively determined body composition and perceived body image in 6- to 8-year-old South African children: The Body Composition-Isotope Technique study. <i>PLoS ONE</i> , 2020 , 15, e0237399	3.7	0
4	Nature-Based Early Childhood Education and Children's Physical Activity, Sedentary Behavior, Motor Competence, and Other Physical Health Outcomes: A Mixed-Methods Systematic Review.. <i>Journal of Physical Activity and Health</i> , 2022 , 1-17	2.5	0
3	Differences in educational attainment between obese and non-obese Kuwaiti female university students. <i>Journal of Nutritional Science</i> , 2020 , 9, e30	2.7	
2	Prevention of childhood obesity: the new search for the holy grail?. <i>Future Lipidology</i> , 2007 , 2, 271-276		
1	Feasibility of an intervention for increasing moderate-to-vigorous intensity physical activity (MVPA) in primary school physical education: a study protocol. <i>F1000Research</i> , 11, 258	3.6	