Stuart J Fairclough

List of Publications by Citations

134 papers	3,831 citations	32 h-index	57 g-index
148 ext. papers	4,423 ext. citations	3.3 avg, IF	5.64 L-index

#	Paper	IF	Citations
134	Long-term effects of a playground markings and physical structures on children's recess physical activity levels. *Preventive Medicine*, **2007**, 44, 393-7	4.3	190
133	Physical activity levels of children during school playtime. *Sports Medicine*, **2006**, 36, 359-71	10.6	177
132	Wear Compliance and Activity in Children Wearing Wrist- and Hip-Mounted Accelerometers. *Medicine and Science in Sports and Exercise*, **2016**, 48, 245-53	1.2	164
131	Assessing physical activity during recess using accelerometry. *Preventive Medicine*, **2005**, 41, 102-7	4.3	132
130	'Physical education makes you fit and healthy'. Physical education's contribution to young people's physical activity levels. *Health Education Research*, **2005**, 20, 14-23	1.8	124
129	Physical Activity Levels in Middle and High School Physical Education: A Review. *Pediatric Exercise Science*, **2005**, 17, 217-236	2	118
128	Associations between children's socioeconomic status, weight status, and sex, with screen-based sedentary behaviours and sport participation. *Pediatric Obesity*, **2009**, 4, 299-305		112
127	The Contribution of Secondary School Physical Education to Lifetime Physical Activity. *European Physical Education Review*, **2002**, 8, 69-84	2.8	99
126	School day segmented physical activity patterns of high and low active children. *BMC Public Health*, **2012**, 12, 406	4.1	87
125	Children's physical activity levels during school recess: a quasi-experimental intervention study. *International Journal of Behavioral Nutrition and Physical Activity*, **2007**, 4, 19	8.4	85
124	Twelve-month effects of a playground intervention on children's morning and lunchtime recess physical activity levels. *Journal of Physical Activity and Health*, **2010**, 7, 167-75	2.5	83
123	Variables associated with children's physical activity levels during recess: the A-CLASS project. *International Journal of Behavioral Nutrition and Physical Activity*, **2010**, 7, 74	8.4	79
122	Promoting healthy weight in primary school children through physical activity and nutrition education: a pragmatic evaluation of the CHANGE! randomised intervention study. *BMC Public Health*, **2013**, 13, 626	4.1	78
121	Accelerometry-assessed sedentary behaviour and physical activity levels during the segmented school day in 10-14-year-old children: the HAPPY study. *European Journal of Pediatrics*, **2012**, 171, 1805-13	4.1	77
120	The effectiveness of school-based physical activity interventions for adolescent girls: A systematic review and meta-analysis. *Preventive Medicine*, **2017**, 105, 237-249	4.3	76
119	Effect of a family focused active play intervention on sedentary time and physical activity in preschool children. *International Journal of Behavioral Nutrition and Physical Activity*, **2012**, 9, 117	8.4	73
118	Fitness, fatness and the reallocation of time between children's daily movement behaviours: an analysis of compositional data. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 64	8.4	67

117	A Review of Physical Activity Levels during Elementary School Physical Education. *Journal of Teaching in Physical Education*, **2006**, 25, 240-258	2.2	66
116	Write, draw, show, and tell: a child-centred dual methodology to explore perceptions of out-of-school physical activity. *BMC Public Health*, **2016**, 16, 326	4.1	62
115	Physical Activity, Perceived Competence and Enjoyment During High School Physical Education. *European Journal of Physical Education*, **2003**, 8, 5-18		57
114	Effect of a school-based active play intervention on sedentary time and physical activity in preschool children. *Health Education Research*, **2013**, 28, 931-42	1.8	53
113	Improving health-enhancing physical activity in girls' physical education. *Health Education Research*, **2005**, 20, 448-57	1.8	53
112	Using formative research to develop CHANGE!: a curriculum-based physical activity promoting intervention. *BMC Public Health*, **2011**, 11, 831	4.1	52
111	Day-to-day and seasonal variability of physical activity during school recess. *Preventive Medicine*, **2006**, 42, 372-4	4.3	50
110	Whole-day and segmented-day physical activity variability of northwest England school children. *Preventive Medicine*, **2007**, 44, 421-5	4.3	47
109	Assessing free-living physical activity using accelerometry: Practical issues for researchers and practitioners. *European Journal of Sport Science*, **2011**, 11, 205-213	3.9	46
108	Weekday and weekend sedentary time and physical activity in differentially active children. *Journal of Science and Medicine in Sport*, **2015**, 18, 444-9	4.4	44
107	Using a multi-stakeholder experience-based design process to co-develop the Creating Active Schools Framework. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 13	8.4	43
106	Physical activity levels of normal-weight and overweight girls and boys during primary school recess. *Obesity*, **2007**, 15, 1513-9	8	41
105	FUNDAMENTAL MOVEMENT SKILLS OF PRESCHOOL CHILDREN IN NORTHWEST ENGLAND. *Perceptual and Motor Skills*, **2015**, 121, 260-83	2.2	38
104	Correlates of children's moderate and vigorous physical activity during weekdays and weekends. *Journal of Physical Activity and Health*, **2012**, 9, 129-37	2.5	38
103	Girls' and boys' perceptions of physical education teachers' feedback: effects on performance and psychological responses. *Journal of Sports Sciences*, **2007**, 25, 915-26	3.6	36
102	Changes in cardiorespiratory fitness in 9- to 10.9-year-old children: SportsLinx 1998-2010. *Medicine and Science in Sports and Exercise*, **2012**, 44, 481-6	1.2	32
101	Perceptions of athletic competence and fear of negative evaluation during physical education. *British Journal of Educational Psychology*, **2007**, 77, 339-49	3.2	32
100	Cross-sectional associations between high-deprivation home and neighbourhood environments, and health-related variables among Liverpool children. *BMJ Open*, **2016**, 6, e008693	3	31

99	Effects of a physical education intervention to improve student activity levels. *Physical Education and Sport Pedagogy*, **2006**, 11, 29-44	3.8	31
98	ROC generated thresholds for field-assessed aerobic fitness related to body size and cardiometabolic risk in schoolchildren. *PLoS ONE*, **2012**, 7, e45755	3.7	30
97	Physical activity levels and motivational responses of boys and girls: A comparison of direct instruction and tactical games models of games teaching in physical education. *European Physical Education Review*, **2015**, 21, 93-113	2.8	29
96	Patterns of objectively measured moderate-to-vigorous physical activity in preschool children. *Journal of Physical Activity and Health*, **2014**, 11, 1233-8	2.5	28
95	Moving Forward with Backward Compatibility: Translating Wrist Accelerometer Data. *Medicine and Science in Sports and Exercise*, **2016**, 48, 2142-2149	1.2	28
94	Comparison of children's free-living physical activity derived from wrist and hip raw accelerations during the segmented week. *Journal of Sports Sciences*, **2017**, 35, 2067-2072	3.6	27
93	Weekday and weekend patterns of physical activity and sedentary time among Liverpool and Madrid youth. *European Journal of Sport Science*, **2014**, 14, 287-93	3.9	27
92	Relationships between maturity status, physical activity, and physical self-perceptions in primary school children. *Journal of Sports Sciences*, **2010**, 28, 1-9	3.6	27
91	Physical activity and play behaviours in children and young people with intellectual disabilities: A cross-sectional observational study. *School Psychology International*, **2015**, 36, 154-171	1.7	26
90	Influence of family and friend smoking on intentions to smoke and smoking-related attitudes and refusal self-efficacy among 9-10 year old children from deprived neighbourhoods: a cross-sectional study. *BMC Public Health*, **2015**, 15, 225	4.1	26
89	The effect of feedback and information on children's pedometer step counts at school. *Pediatric Exercise Science*, **2007**, 19, 29-38	2	26
88	The Influence of Relative Age Effect in the Assessment of High School Students in Physical Education in the United Kingdom. *Journal of Teaching in Physical Education*, **2012**, 31, 56-70	2.2	25
87	Weekday and weekend physical activity patterns of French and Spanish adolescents. *European Journal of Sport Science*, **2014**, 14, 500-9	3.9	24
86	Using formative research to develop the healthy eating component of the CHANGE! school-based curriculum intervention. *BMC Public Health*, **2012**, 12, 710	4.1	23
85	A non-equivalent group pilot trial of a school-based physical activity and fitness intervention for 10-11 year old english children: born to move. *BMC Public Health*, **2016**, 16, 861	4.1	22
84	Evaluation of a Pilot School-Based Physical Activity Clustered Randomised Controlled Trial-Active Schools: Skelmersdale. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	22
83	The influence of relative age effects on the cardiorespiratory fitness levels of children age 9 to 10 and 11 to 12 years of age. *Pediatric Exercise Science*, **2012**, 24, 72-83	2	22
82	A calibration protocol for population-specific accelerometer cut-points in children. *PLoS ONE*, **2012**, 7, e36919	3.7	22

81	Adiposity, fitness, health-related quality of life and the reallocation of time between children's school day activity behaviours: A compositional data analysis. *Preventive Medicine Reports*, **2018**, 11, 254-261	2.6	21
80	Exploring opportunities available and perceived barriers to physical activity engagement in children and young people with Down syndrome. *European Journal of Special Needs Education*, **2013**, 28, 270-287	1.3	21
79	Teacher feedback and interactions in physical education: Effects of student gender and physical activities. *European Physical Education Review*, **2007**, 13, 319-337	2.8	21
78	A data-driven, meaningful, easy to interpret, standardised accelerometer outcome variable for global surveillance. *Journal of Science and Medicine in Sport*, **2019**, 22, 1132-1138	4.4	20
77	Validity and reliability of a modified english version of the physical activity questionnaire for adolescents. *Archives of Public Health*, **2016**, 74, 3	2.6	20
76	Enhancing the value of accelerometer-assessed physical activity: meaningful visual comparisons of data-driven translational accelerometer metrics. *Sports Medicine - Open*, **2019**, 5, 47	6.1	20
75	Outcomes of the Y-PATH Randomized Controlled Trial: Can a School-Based Intervention Improve Fundamental Movement Skill Proficiency in Adolescent Youth?. *Journal of Physical Activity and Health*, **2018**, 15, 89-98	2.5	20
74	Average acceleration and intensity gradient of primary school children and associations with indicators of health and well-being. *Journal of Sports Sciences*, **2019**, 37, 2159-2167	3.6	19
73	Predictors of Segmented School Day Physical Activity and Sedentary Time in Children from a Northwest England Low-Income Community. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	19
72	Activity Intensity, Volume, and Norms: Utility and Interpretation of Accelerometer Metrics. *Medicine and Science in Sports and Exercise*, **2019**, 51, 2410-2422	1.2	19
71	School-based interventions modestly increase physical activity and cardiorespiratory fitness but are least effective for youth who need them most: an individual participant pooled analysis of 20 controlled trials. *British Journal of Sports Medicine*, **2021**,	10.3	19
70	The Feasibility of a Novel School Peer-Led Mentoring Model to Improve the Physical Activity Levels and Sedentary Time of Adolescent Girls: The Girls Peer Activity (G-PACT) Project. *Children*, **2018**, 5,	2.8	18
69	Observational analysis of student activity modes, lesson contexts and teacher interactions during games classes in high school (11–16 years) physical education. *European Physical Education Review*, **2011**, 17, 255-268	2.8	18
68	Establishing Raw Acceleration Thresholds to Classify Sedentary and Stationary Behaviour in Children. *Children*, **2018**, 5,	2.8	18
67	Effect of a 6-Week Active Play Intervention on Fundamental Movement Skill Competence of Preschool Children. *Perceptual and Motor Skills*, **2017**, 124, 393-412	2.2	17
66	Fitness, Fatness and Active School Commuting among Liverpool Schoolchildren. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	17
65	An observational assessment of physical activity levels and social behaviour during elementary school recess. *Health Education Journal*, **2013**, 72, 254-262	1.5	17
64	Physical education contributes to total physical activity levels and predominantly in higher intensity physical activity categories. *European Physical Education Review*, **2018**, 24, 152-164	2.8	16

63	Physical activity, lesson context and teacher behaviours within the revised English National Curriculum for Physical Education: A case study of one school. *European Physical Education Review*, **2010**, 16, 29-45	2.8	16
62	Calibration and Validation of the Youth Activity Profile as a Physical Activity and Sedentary Behaviour Surveillance Tool for English Youth. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	15
61	Associations between selected demographic, biological, school environmental and physical education based correlates, and adolescent physical activity. *Pediatric Exercise Science*, **2011**, 23, 61-71	2	15
60	Am I able? Is it worth it? Adolescent girls motivational predispositions to school physical education: Associations with health-enhancing physical activity. *European Physical Education Review* , **2012**, 18, 147-158	2.8	15
59	Physical Activity Patterns in Youth With Intellectual Disabilities. *Adapted Physical Activity Quarterly*, **2016**, 33, 374-390	1.7	15
58	Physical Activity, Fitness, and Affective Responses of Normal-Weight and Overweight Adolescents during Physical Education. *Pediatric Exercise Science*, **2006**, 18, 53-63	2	14
57	Exploring teachers perceptions on physical activity engagement for children and young people with intellectual disabilities. *European Journal of Special Needs Education*, **2014**, 29, 402-414	1.3	13
56	The Physical Education Predisposition Scale: preliminary development and validation. *Journal of Sports Sciences*, **2009**, 27, 1555-63	3.6	13
55	A five-stage process for the development and validation of a systematic observation instrument: The system for observing the teaching of games in physical education (SOTG-PE). *European Physical Education Review*, **2012**, 18, 97-113	2.8	13
54	Context matters! sources of variability in weekend physical activity among families: a repeated measures study. *BMC Public Health*, **2017**, 17, 330	4.1	12
53	Girls Physical Activity during High School Physical Education: Influences of Body Composition and Cardiorespiratory Fitness. *Journal of Teaching in Physical Education*, **2003**, 22, 382-395	2.2	12
52	Evaluation of wrist and hip sedentary behaviour and moderate-to-vigorous physical activity raw acceleration cutpoints in older adults. *Journal of Sports Sciences*, **2019**, 37, 1270-1279	3.6	12
51	Cardiorespiratory fitness predicts clustered cardiometabolic risk in 10-11.9-year-olds. *European Journal of Pediatrics*, **2013**, 172, 913-8	4.1	11
50	Parental perceptions on childrens out-of-school physical activity and family-based physical activity. *Early Child Development and Care*, **2017**, 187, 1909-1924	0.9	10
49	Efficacy of School-Based Interventions for Improving Muscular Fitness Outcomes in Adolescent Boys: A Systematic Review and Meta-analysis. *Sports Medicine*, **2020**, 50, 543-560	10.6	10
48	Effect of a sport-for-health intervention (SmokeFree Sports) on smoking-related intentions and cognitions among 9-10 year old primary school children: a controlled trial. *BMC Public Health*, **2016**, 16, 445	4.1	10
47	Comparability of children's sedentary time estimates derived from wrist worn GENEActiv and hip worn ActiGraph accelerometer thresholds. *Journal of Science and Medicine in Sport*, **2018**, 21, 1045-1049	4.4	9
46	A protocol to encourage accelerometer wear in children and young people. *Qualitative Research in Sport, Exercise and Health*, **2016**, 8, 319-331	7	9

45	A machine learning approach to measure and monitor physical activity in children. *Neurocomputing*, **2017**, 228, 220-230	5.4	9
44	Weight status associations with physical activity intensity and physical self-perceptions in 10- to 11-year-old children. *Pediatric Exercise Science*, **2012**, 24, 100-12	2	9
43	Origins of perceived physical education ability and worth among English adolescents. *European Physical Education Review*, **2018**, 24, 165-180	2.8	8
42	"I Wasn't Sure What It Meant to be Honest"-Formative Research towards a Physical Literacy Intervention for Preschoolers. *Children*, **2020**, 7,	2.8	8
41	Biological maturity and primary school children's physical activity: Influence of different physical activity assessment instruments. *European Journal of Sport Science*, **2011**, 11, 241-248	3.9	7
40	Promoting health-enhancing physical activity in the primary school: a pilot evaluation of the BASH health-related exercise initiative. *Health Education Research*, **2008**, 23, 576-81	1.8	7
39	Process evaluation of a pilot multi-component physical activity intervention - active schools: Skelmersdale. *BMC Public Health*, **2018**, 18, 1383	4.1	7
38	A formative study exploring perceptions of physical activity and physical activity monitoring among children and young people with cystic fibrosis and health care professionals. *BMC Pediatrics*, **2018**, 18, 335	2.6	7
37	Covid-19 lockdown: Ethnic differences in children's self-reported physical activity and the importance of leaving the home environment; a longitudinal and cross-sectional study from the Born in Bradford birth cohort study. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 117	8.4	7
36	One Size Does Not Fit All: Contextualising Family Physical Activity Using a Write, Draw, Show and Tell Approach. *Children*, **2017**, 4,	2.8	6
35	Cross-sectional associations between 24-hour activity behaviours and mental health indicators in children and adolescents: A compositional data analysis. *Journal of Sports Sciences*, **2021**, 39, 1602-1614	3.6	6
34	Clustered cardiometabolic risk, cardiorespiratory fitness and physical activity in 10-11 year-old children. The CHANGE! Project baseline. *Archives of Exercise in Health and Disease*, **2012**, 3, 207-213		5
33	Cut-point-free accelerometer metrics to assess children's physical activity: An example using the school day. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 117-125	4.6	5
32	Validating the Sedentary Sphere method in children: Does wrist or accelerometer brand matter?. *Journal of Sports Sciences*, **2019**, 37, 1910-1918	3.6	4
31	Accelerometer and self-reported measures of sedentary behaviour and associations with adiposity in UK youth. *Journal of Sports Sciences*, **2019**, 37, 1919-1925	3.6	4
30	Converting between estimates of moderate-to-vigorous physical activity derived from raw accelerations measured at the wrist and from ActiGraph counts measured at the hip: the Rosetta Stone. *Journal of Sports Sciences*, **2018**, 36, 2603-2607	3.6	4
29	Validation of an observation tool to assess physical activity-promoting physical education lessons in high schools: SOFIT. *Journal of Science and Medicine in Sport*, **2018**, 21, 495-500	4.4	4
28	Individual calibration of accelerometers in children and their health-related implications. *Journal of Sports Sciences*, **2018**, 36, 1340-1345	3.6	4

27	Using formative research with older adults to inform a community physical activity programme: Get Healthy, Get Active. *Primary Health Care Research and Development*, **2018**, 20, e60	1.6	4
26	Investigating Adolescent Girls' Perceptions and Experiences of School-Based Physical Activity to Inform the Girls' Peer Activity Intervention Study. *Journal of School Health*, **2019**, 89, 730-738	2.1	4
25	Acceptability and Feasibility of Single-Component Primary School Physical Activity Interventions to Inform the AS:Sk Project. *Children*, **2018**, 5,	2.8	4
24	Physical Activity Levels During the School Day **2008**,		3
23	"It's Just Not Something We Do at School". Adolescent Boys' Understanding, Perceptions, and Experiences of Muscular Fitness Activity. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
22	Covid-19 lockdown: Ethnic differences in children self-reported physical activity and the importance of leaving the home environment. A longitudinal and cross-sectional study from the Born in Bradford birth cohort study		3
21	Social Disadvantage, Maternal Psychological Distress, and Difficulties in Children's Social-Emotional Well-Being. *Behavioral Sciences (Basel, Switzerland)*, **2018**, 8,	2.3	3
20	Fit "N" Cool Kids: The Effects of Character Modeling and Goal Setting on Children's Physical Activity and Fruit and Vegetable Consumption. *Clinical Medicine Insights Pediatrics*, **2018**, 12, 1179556518784296	1.8	3
19	The physical education predisposition scale: Preliminary tests of reliability and validity in Australian students. *Journal of Sports Sciences*, **2018**, 36, 384-392	3.6	2
18	The backwards comparability of wrist worn GENEActiv and waist worn ActiGraph accelerometer estimates of sedentary time in children. *Journal of Science and Medicine in Sport*, **2019**, 22, 814-820	4.4	2
17	The Physical Education and School Sport Environment Inventory: Preliminary Validation and Reliability. *Environment and Behavior*, **2012**, 44, 50-67	5.6	2
16	A computer-based observational analysis of physical education teachers and youth sport coaches pedagogic behaviour. *International Journal of Performance Analysis in Sport*, **2012**, 12, 498-506	1.8	2
15	Investigation of Pupils' Levels of MVPA and VPA During Physical Education Units Focused on Direct Instruction and Tactical Games Models. *Physical Educator: A Magazine for the Profession*, **2015**,	1.3	2
14	Cross-sectional associations between body mass index and social-emotional wellbeing among differentially active children. *European Journal of Public Health*, **2019**, 29, 303-307	2.1	2
13	The Feasibility and Acceptability of The Girls Peer Activity (G-PACT) Peer-led Mentoring Intervention. *Children*, **2018**, 5,	2.8	2
12	The CHANGE! Project: Changes in Body Composition and Cardiorespiratory Fitness in 10- to 11-Year-Old Children After Completing the CHANGE! Intervention. *Pediatric Exercise Science*, **2018**, 30, 81-89	2	1
11	Predisposing, reinforcing and enabling factors for physical activity in boys and girls from socially disadvantaged communities. *Health Education Journal*, **2019**, 78, 149-162	1.5	1
10	Origins of perceived physical education ability and worth among English adolescents		1

9	Fit Cool Kids: Effects of Peer-Modeling and Goal Setting on Physical Activity. *Open Journal of Preventive Medicine*, **2018**, 08, 85-94	0.3	1
8	Co-developing peer interventions in health-related contexts: A case study from exercise referral. *Health Education Journal*,001789692110451	1.5	1
7	Feasibility and Acceptability of a Classroom-based Active Breaks Intervention for 8-12-Year Old Children. *Research Quarterly for Exercise and Sport*, **2021**, 1-12	1.9	0
6	Adolescent time use and mental health: a cross-sectional, compositional analysis in the Millennium Cohort Study. *BMJ Open*, **2021**, 11, e047189	3	0
5	Lifestyle Behaviors Associated With Body Fat Percent in 9- to 11-Year-Old Children. *Pediatric Exercise Science*, **2021**, 33, 40-47	2	0
4	Personalised Accelerometer Cut-point Prediction for Older Adults' Movement Behaviours using a Machine Learning approach. *Computer Methods and Programs in Biomedicine*, **2021**, 208, 106165	6.9	0
3	Does biological maturity actually confound gender-related differences in physical activity in preadolescence?. *Child: Care, Health and Development*, **2013**, 39, 835-44	2.8	
2	A Novel Mixed Methods Approach to Assess Children Sedentary Behaviors. *Journal for the Measurement of Physical Behaviour*, **2020**, 3, 78-86	2.3	
1	Sex-Related Differences in the Association of Fundamental Movement Skills and Health and Behavioral Outcomes in Children. *Journal of Motor Learning and Development*, **2021**, 1-14	1.4	