

Gareth Stratton

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.

224
papers

13,355
citations

46
h-index

113
g-index

235
ext. papers

16,332
ext. citations

4.4
avg, IF

7.54
L-index

#	Paper	IF	Citations
224	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642	40	2980
223	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. <i>Lancet, The</i> , 2016 , 387, 1377-1396	40	2787
222	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
221	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
220	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019 , 569, 260-264	50.4	278
219	The physiological cost and enjoyment of Wii Fit in adolescents, young adults, and older adults. <i>Journal of Physical Activity and Health</i> , 2010 , 7, 393-401	2.5	258
218	Improving physical activity assessment in prepubertal children with high-frequency accelerometry monitoring: a methodological issue. <i>Preventive Medicine</i> , 2007 , 44, 143-7	4.3	244
217	The effect of multicolor playground markings on children's physical activity level during recess. <i>Preventive Medicine</i> , 2005 , 41, 828-33	4.3	197
216	Long-term effects of a playground markings and physical structures on children's recess physical activity levels. <i>Preventive Medicine</i> , 2007 , 44, 393-7	4.3	190
215	Comparison of energy expenditure in adolescents when playing new generation and sedentary computer games: cross sectional study. <i>BMJ, The</i> , 2007 , 335, 1282-4	5.9	179
214	Physical activity levels of children during school playtime. <i>Sports Medicine</i> , 2006 , 36, 359-71	10.6	177
213	The contribution of upper limb and total body movement to adolescents' energy expenditure whilst playing Nintendo Wii. <i>European Journal of Applied Physiology</i> , 2008 , 104, 617-23	3.4	170
212	Assessing physical activity during recess using accelerometry. <i>Preventive Medicine</i> , 2005 , 41, 102-7	4.3	132
211	A place for play? The influence of the home physical environment on children's physical activity and sedentary behaviour. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 99	8.4	129
210	Promoting children's physical activity in primary school: an intervention study using playground markings. <i>Ergonomics</i> , 2000 , 43, 1538-46	2.9	127
209	'Physical education makes you fit and healthy'. Physical education's contribution to young people's physical activity levels. <i>Health Education Research</i> , 2005 , 20, 14-23	1.8	124
208	Physical Activity Levels in Middle and High School Physical Education: A Review. <i>Pediatric Exercise Science</i> , 2005 , 17, 217-236	2	118

207	Associations between children's socioeconomic status, weight status, and sex, with screen-based sedentary behaviours and sport participation. <i>Pediatric Obesity</i> , 2009 , 4, 299-305		112
206	The Contribution of Secondary School Physical Education to Lifetime Physical Activity. <i>European Physical Education Review</i> , 2002 , 8, 69-84	2.8	99
205	Reliability and validity of the System for Observing Children's Activity and Relationships during Play (SOCARP). <i>Journal of Physical Activity and Health</i> , 2010 , 7, 17-25	2.5	92
204	A school-based survey of recurrent non-specific low-back pain prevalence and consequences in children. <i>Health Education Research</i> , 2004 , 19, 284-9	1.8	90
203	Energy expenditure in adolescents playing new generation computer games. <i>British Journal of Sports Medicine</i> , 2008 , 42, 592-4	10.3	86
202	Children's physical activity levels during school recess: a quasi-experimental intervention study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2007 , 4, 19	8.4	85
201	The importance of considering biological maturity when assessing physical fitness measures in girls and boys aged 10 to 16 years. <i>Annals of Human Biology</i> , 2000 , 27, 57-65	1.7	84
200	Twelve-month effects of a playground intervention on children's morning and lunchtime recess physical activity levels. <i>Journal of Physical Activity and Health</i> , 2010 , 7, 167-75	2.5	83
199	Quantification of the typical weekly in-season training load in elite junior soccer players. <i>Journal of Sports Sciences</i> , 2012 , 30, 1573-80	3.6	82
198	High-Intensity Interval Training Interventions in Children and Adolescents: A Systematic Review. <i>Sports Medicine</i> , 2017 , 47, 2363-2374	10.6	79
197	Variables associated with children's physical activity levels during recess: the A-CLASS project. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2010 , 7, 74	8.4	79
196	Promoting healthy weight in primary school children through physical activity and nutrition education: a pragmatic evaluation of the CHANGE! randomised intervention study. <i>BMC Public Health</i> , 2013 , 13, 626	4.1	78
195	Effect of a family focused active play intervention on sedentary time and physical activity in preschool children. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2012 , 9, 117	8.4	73
194	Relationships between measures of fitness, physical activity, body composition and vascular function in children. <i>Atherosclerosis</i> , 2009 , 204, 244-9	3.1	71
193	Influence of intensity of physical activity on adiposity and cardiorespiratory fitness in 5-18 year olds. <i>Sports Medicine</i> , 2011 , 41, 477-88	10.6	70
192	Fitness, fatness and the reallocation of time between children's daily movement behaviours: an analysis of compositional data. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 64	8.4	67
191	A Review of Physical Activity Levels during Elementary School Physical Education. <i>Journal of Teaching in Physical Education</i> , 2006 , 25, 240-258	2.2	66
190	Biological risk indicators for recurrent non-specific low back pain in adolescents. <i>British Journal of Sports Medicine</i> , 2005 , 39, 137-40	10.3	66

189	Cardiorespiratory fitness and body mass index of 9-11-year-old English children: a serial cross-sectional study from 1998 to 2004. <i>International Journal of Obesity</i> , 2007 , 31, 1172-8	5.5	64
188	The effect of active video gaming on children's physical activity, behavior preferences and body composition. <i>Pediatric Exercise Science</i> , 2010 , 22, 535-46	2	61
187	BASES position statement on guidelines for resistance exercise in young people. <i>Journal of Sports Sciences</i> , 2004 , 22, 383-90	3.6	60
186	Children's Heart Rates during Physical Education Lessons: A Review. <i>Pediatric Exercise Science</i> , 1996 , 8, 215-233	2	55
185	PREVIEW: Prevention of Diabetes through Lifestyle Intervention and Population Studies in Europe and around the World. Design, Methods, and Baseline Participant Description of an Adult Cohort Enrolled into a Three-Year Randomised Clinical Trial. <i>Nutrients</i> , 2017 , 9,	6.7	53
184	Effect of a school-based active play intervention on sedentary time and physical activity in preschool children. <i>Health Education Research</i> , 2013 , 28, 931-42	1.8	53
183	Improving health-enhancing physical activity in girls' physical education. <i>Health Education Research</i> , 2005 , 20, 448-57	1.8	53
182	Day-to-day and seasonal variability of physical activity during school recess. <i>Preventive Medicine</i> , 2006 , 42, 372-4	4.3	50
181	Fundamental movement skills in relation to weekday and weekend physical activity in preschool children. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 691-6	4.4	48
180	Pet ownership, dog types and attachment to pets in 9-10 year old children in Liverpool, UK. <i>BMC Veterinary Research</i> , 2013 , 9, 102	2.7	48
179	Whole-day and segmented-day physical activity variability of northwest England school children. <i>Preventive Medicine</i> , 2007 , 44, 421-5	4.3	47
178	Objective measurement of sedentary behaviour using accelerometers. <i>International Journal of Obesity</i> , 2016 , 40, 1809-1812	5.5	45
177	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> , 2018 , 15, S298-S314	2.5	43
176	Physical activity levels of normal-weight and overweight girls and boys during primary school recess. <i>Obesity</i> , 2007 , 15, 1513-9	8	41
175	Physical activity, cardiorespiratory fitness, and clustered cardiometabolic risk in 10- to 12-year-old school children: the REACH Y6 study. <i>American Journal of Human Biology</i> , 2014 , 26, 446-51	2.7	39
174	FUNDAMENTAL MOVEMENT SKILLS OF PRESCHOOL CHILDREN IN NORTHWEST ENGLAND. <i>Perceptual and Motor Skills</i> , 2015 , 121, 260-83	2.2	38
173	What we are really doing with ICT in physical education: a national audit of equipment, use, teacher attitudes, support, and training. <i>British Journal of Educational Technology</i> , 2006 , 37, 617-632	4.3	38
172	Examining children's physical activity and play behaviors during school playtime over time. <i>Health Education Research</i> , 2011 , 26, 586-95	1.8	36

171	A Review of Emerging Analytical Techniques for Objective Physical Activity Measurement in Humans. <i>Sports Medicine</i> , 2017 , 47, 439-447	10.6	35
170	The effect of exergaming on vascular function in children. <i>Journal of Pediatrics</i> , 2013 , 163, 806-10	3.6	35
169	Muscle function assessment in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2000 , 89, 753-761	3.1	35
168	Learning from the experts: exploring playground experience and activities using a write and draw technique. <i>Journal of Physical Activity and Health</i> , 2013 , 10, 406-15	2.5	34
167	Curriculum-based outdoor learning for children aged 9-11: A qualitative analysis of pupils' and teachers' views. <i>PLoS ONE</i> , 2019 , 14, e0212242	3.7	33
166	The efficacy of exercise as an intervention to treat recurrent nonspecific low back pain in adolescents. <i>Pediatric Exercise Science</i> , 2007 , 19, 349-59	2	33
165	The Effects of Playground Markings on the Energy Expenditure of 57-Year-Old School Children. <i>Pediatric Exercise Science</i> , 2002 , 14, 170-180	2	33
164	Research priorities for child and adolescent physical activity and sedentary behaviours: an international perspective using a twin-panel Delphi procedure. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 112	8.4	32
163	Changes in cardiorespiratory fitness in 9- to 10.9-year-old children: SportsLinx 1998-2010. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 481-6	1.2	32
162	The association between physical activity, fitness and body mass index on mental well-being and quality of life in adolescents. <i>Quality of Life Research</i> , 2018 , 27, 2313-2320	3.7	32
161	Long-term soccer-specific training enhances the rate of physical development of academy soccer players independent of maturation status. <i>International Journal of Sports Medicine</i> , 2014 , 35, 1090-4	3.6	31
160	Changes in fitness, body mass index and obesity in 9-10 year olds. <i>Journal of Human Nutrition and Dietetics</i> , 2010 , 23, 254-9	3.1	31
159	Effects of a physical education intervention to improve student activity levels. <i>Physical Education and Sport Pedagogy</i> , 2006 , 11, 29-44	3.8	31
158	ROC generated thresholds for field-assessed aerobic fitness related to body size and cardiometabolic risk in schoolchildren. <i>PLoS ONE</i> , 2012 , 7, e45755	3.7	30
157	Digit ratio (2D:4D) and physical fitness (Eurofit test battery) in school children. <i>Early Human Development</i> , 2015 , 91, 327-31	2.2	29
156	Factors associated with low fitness in adolescents--a mixed methods study. <i>BMC Public Health</i> , 2014 , 14, 764	4.1	29
155	Patterns of objectively measured moderate-to-vigorous physical activity in preschool children. <i>Journal of Physical Activity and Health</i> , 2014 , 11, 1233-8	2.5	28
154	Physical Activity during School Recess: The Liverpool Sporting Playgrounds Project. <i>Pediatric Exercise Science</i> , 2005 , 17, 281-290	2	27

153	Football in the community schemes: exploring the effectiveness of an intervention in promoting healthful behaviour change. <i>Soccer and Society</i> , 2013 , 14, 35-51	0.6	26
152	The effect of feedback and information on children's pedometer step counts at school. <i>Pediatric Exercise Science</i> , 2007 , 19, 29-38	2	26
151	Community led active schools programme (CLASP) exploring the implementation of health interventions in primary schools: headteachers' perspectives. <i>BMC Public Health</i> , 2015 , 15, 238	4.1	24
150	Perceptions of asthma and exercise in adolescents with and without asthma. <i>Journal of Asthma</i> , 2018 , 55, 868-876	1.9	24
149	Children's Heart Rates during British Physical Education Lessons. <i>Journal of Teaching in Physical Education</i> , 1997 , 16, 357-367	2.2	24
148	Mapping dietary habits may provide clues about the factors that determine food choice. <i>Journal of Human Nutrition and Dietetics</i> , 2008 , 21, 428-37	3.1	24
147	The Dynamic Family Home: a qualitative exploration of physical environmental influences on children's sedentary behaviour and physical activity within the home space. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 157	8.4	23
146	Effect of changing to a self-selected vegetarian diet on anthropometric measurements in UK adults. <i>Journal of Human Nutrition and Dietetics</i> , 2004 , 17, 249-55	3.1	23
145	Classification of accelerometer wear and non-wear events in seconds for monitoring free-living physical activity. <i>BMJ Open</i> , 2015 , 5, e007447	3	22
144	The influence of relative age effects on the cardiorespiratory fitness levels of children age 9 to 10 and 11 to 12 years of age. <i>Pediatric Exercise Science</i> , 2012 , 24, 72-83	2	22
143	A calibration protocol for population-specific accelerometer cut-points in children. <i>PLoS ONE</i> , 2012 , 7, e36919	3.7	22
142	Scaling of peak oxygen uptake in children: a comparison of three body size index models. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 2341-5	1.2	22
141	Objectively Measured Physical Activity and Sedentary Time Are Associated With Cardiometabolic Risk Factors in Adults With Prediabetes: The PREVIEW Study. <i>Diabetes Care</i> , 2018 , 41, 562-569	14.6	22
140	Headteachers' prior beliefs on child health and their engagement in school based health interventions: a qualitative study. <i>BMC Research Notes</i> , 2015 , 8, 161	2.3	21
139	Adiposity, fitness, health-related quality of life and the reallocation of time between children's school day activity behaviours: A compositional data analysis. <i>Preventive Medicine Reports</i> , 2018 , 11, 254-261	2.6	21
138	Exploring opportunities available and perceived barriers to physical activity engagement in children and young people with Down syndrome. <i>European Journal of Special Needs Education</i> , 2013 , 28, 270-287	1.3	21
137	Parental views of children's physical activity: a qualitative study with parents from multi-ethnic backgrounds living in England. <i>BMC Public Health</i> , 2015 , 15, 1005	4.1	20
136	Physical activity guidelines and cardiovascular risk in children: a cross sectional analysis to determine whether 60 minutes is enough. <i>BMC Public Health</i> , 2016 , 16, 67	4.1	20

135	Examining influences on boy's and girls' physical activity patterns: the A-CLASS project. <i>Pediatric Exercise Science</i> , 2010 , 22, 638-50	2	20
134	Is overweight and obesity in 9-10-year-old children in Liverpool related to deprivation and/or electoral ward when based on school attended?. <i>Public Health Nutrition</i> , 2005 , 8, 636-41	3.3	20
133	A Narrative Review of Motor Competence in Children and Adolescents: What We Know and What We Need to Find Out. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	20
132	Active children through incentive vouchers - evaluation (ACTIVE): a mixed-method feasibility study. <i>BMC Public Health</i> , 2016 , 16, 890	4.1	19
131	A cross-sectional study of frequency and factors associated with dog walking in 9-10 year old children in Liverpool, UK. <i>BMC Public Health</i> , 2013 , 13, 822	4.1	19
130	Heritability of arterial function, fitness, and physical activity in youth: a study of monozygotic and dizygotic twins. <i>Journal of Pediatrics</i> , 2010 , 157, 943-8	3.6	19
129	Teenage recommendations to improve physical activity for their age group: a qualitative study. <i>BMC Public Health</i> , 2018 , 18, 372	4.1	18
128	Effect of a 9-wk. after-school multiskills club on fundamental movement skill proficiency in 8- to 9-yr.-old children: an exploratory trial. <i>Perceptual and Motor Skills</i> , 2008 , 106, 745-54	2.2	18
127	Skin microvascular reactivity in children and adolescents with type 1 diabetes in relation to levels of physical activity and aerobic fitness. <i>Pediatric Exercise Science</i> , 2008 , 20, 426-38	2	18
126	The PREVIEW intervention study: Results from a 3-year randomized 2 x 2 factorial multinational trial investigating the role of protein, glycaemic index and physical activity for prevention of type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 324-337	6.7	18
125	Effect of a 6-Week Active Play Intervention on Fundamental Movement Skill Competence of Preschool Children. <i>Perceptual and Motor Skills</i> , 2017 , 124, 393-412	2.2	17
124	Associations between the Home Physical Environment and Children's Home-Based Physical Activity and Sitting. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	17
123	The prevalence of underweight in 9-10-year-old schoolchildren in Liverpool: 1998-2006. <i>Public Health Nutrition</i> , 2009 , 12, 953-6	3.3	16
122	Physical activity and psychological well-being in children with Type 1 diabetes. <i>Psychology, Health and Medicine</i> , 2007 , 12, 353-63	2.1	16
121	A Dynamic Assessment of Children's Physical Competence: The Dragon Challenge. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2474-2487	1.2	16
120	Associations between selected demographic, biological, school environmental and physical education based correlates, and adolescent physical activity. <i>Pediatric Exercise Science</i> , 2011 , 23, 61-71	2	15
119	Am I able? Is it worth it? Adolescent girls' motivational predispositions to school physical education: Associations with health-enhancing physical activity. <i>European Physical Education Review</i> , 2012 , 18, 147-158	2.8	15
118	Recurrent non-specific low-back pain in adolescents: the role of exercise. <i>Ergonomics</i> , 2007 , 50, 1680-8	2.9	15

117	PREVIEW Behavior Modification Intervention Toolbox (PREMIT): A Study Protocol for a Psychological Element of a Multicenter Project. <i>Frontiers in Psychology</i> , 2016 , 7, 1136	3.4	15
116	Results From Wales' 2016 Report Card on Physical Activity for Children and Youth: Is Wales Turning the Tide on Children's Inactivity?. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S330-S336	2.5	15
115	Can Wearable Cameras be Used to Validate School-Aged Children's Lifestyle Behaviours?. <i>Children</i> , 2019 , 6,	2.8	14
114	Higher Protein Intake Is Not Associated with Decreased Kidney Function in Pre-Diabetic Older Adults Following a One-Year Intervention-A Preview Sub-Study. <i>Nutrients</i> , 2018 , 10,	6.7	14
113	Ethnic differences in parental attitudes and beliefs about being overweight in childhood. <i>Health Education Journal</i> , 2014 , 73, 179-191	1.5	14
112	Levels and patterns of physical activity in children and adolescents with type 1 diabetes and associated metabolic and physiologic health outcomes. <i>Journal of Physical Activity and Health</i> , 2010 , 7, 68-77	2.5	14
111	Measurement error associated with spinal mobility measures in children with and without low-back pain. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2002 , 91, 1339-43	3.1	14
110	Physical Activity, Fitness, and Affective Responses of Normal-Weight and Overweight Adolescents during Physical Education. <i>Pediatric Exercise Science</i> , 2006 , 18, 53-63	2	14
109	Changing from a mixed to self-selected vegetarian diet--influence on blood lipids. <i>Journal of Human Nutrition and Dietetics</i> , 2002 , 15, 323-9	3.1	14
108	Dance as a Fitness Activity the Impact of Teaching Style and Dance Form. <i>Journal of Physical Education, Recreation and Dance</i> , 2002 , 73, 26-30	0.7	14
107	Aerobic training programs and glycemic control in diabetic children in relation to exercise frequency. <i>Journal of Sports Medicine and Physical Fitness</i> , 2011 , 51, 393-400	1.4	14
106	A Kinematic Analysis of Fundamental Movement Skills. <i>Sport Science Review</i> , 2016 , 25, 261-275		13
105	Changes in BMI and prevalence of obesity and overweight in children in Liverpool, 1998-2006. <i>Perspectives in Public Health</i> , 2009 , 129, 127-31	1.4	13
104	The Physical Education Predisposition Scale: preliminary development and validation. <i>Journal of Sports Sciences</i> , 2009 , 27, 1555-63	3.6	13
103	Lack of relationship between sedentary behaviour and vascular function in children. <i>European Journal of Applied Physiology</i> , 2012 , 112, 617-22	3.4	12
102	Age and sex relationship with flow-mediated dilation in healthy children and adolescents. <i>Journal of Applied Physiology</i> , 2015 , 119, 926-33	3.7	11
101	Compositional analysis of the associations between 24-h movement behaviours and cardio-metabolic risk factors in overweight and obese adults with pre-diabetes from the PREVIEW study: cross-sectional baseline analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 29	8.4	11
100	Profiling movement quality and gait characteristics according to body-mass index in children (9-11y). <i>Human Movement Science</i> , 2016 , 49, 291-300	2.4	11

99	Cardiorespiratory fitness predicts clustered cardiometabolic risk in 10-11.9-year-olds. <i>European Journal of Pediatrics</i> , 2013 , 172, 913-8	4.1	11
98	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study. <i>PLoS ONE</i> , 2020 , 15, e0228149	3.7	10
97	Relationship between Sedentary Time, Physical Activity and Multiple Lifestyle Factors in Children. <i>Journal of Functional Morphology and Kinesiology</i> , 2018 , 3, 15	2.4	10
96	Seasonal reduction in physical activity and flow-mediated dilation in children. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 232-8	1.2	10
95	The effect of a 9-week physical activity programme on bone and body composition of children aged 10-11 years: an exploratory trial. <i>International Journal of Sports Medicine</i> , 2008 , 29, 941-7	3.6	10
94	Associations of Brain Reactivity to Food Cues with Weight Loss, Protein Intake and Dietary Restraint during the PREVIEW Intervention. <i>Nutrients</i> , 2018 , 10,	6.7	10
93	Impact of exercise training on endothelial function and body composition in young people: a study of mono- and di-zygotic twins. <i>European Journal of Applied Physiology</i> , 2012 , 112, 421-7	3.4	9
92	The association between dog ownership or dog walking and fitness or weight status in childhood. <i>Pediatric Obesity</i> , 2017 , 12, e51-e56	4.6	9
91	A machine learning approach to measure and monitor physical activity in children. <i>Neurocomputing</i> , 2017 , 228, 220-230	5.4	9
90	Ten-year changes in positive and negative marker food, fruit, vegetables, and salad intake in 9-10 year olds: SportsLinx 2000-2001 to 2010-2011. <i>Journal of Human Nutrition and Dietetics</i> , 2014 , 27, 236-41 ^{3.1}	3.1	9
89	Weight status associations with physical activity intensity and physical self-perceptions in 10- to 11-year-old children. <i>Pediatric Exercise Science</i> , 2012 , 24, 100-12	2	9
88	Does conduit artery diameter vary according to the anthropometric characteristics of children or men?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H2182-7	5.2	9
87	Quantitative Time Profiling of Children's Activity and Motion. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 183-190	1.2	9
86	Results From Wales' 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018 , 15, S430-S432	2.5	9
85	Origins of perceived physical education ability and worth among English adolescents. <i>European Physical Education Review</i> , 2018 , 24, 165-180	2.8	8
84	Profiling Movement and Gait Quality Characteristics in Pre-School Children. <i>Journal of Motor Behavior</i> , 2018 , 50, 557-565	1.4	8
83	Energy Cost of Free-Play Activities in 10- to 11-Year-Old Children. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S71-4	2.5	8
82	The relationship between body mass index, aerobic performance and asthma in a pre-pubertal, population-level cohort. <i>European Journal of Applied Physiology</i> , 2014 , 114, 243-9	3.4	8

81	The effect of structured exercise classes and a lifestyle intervention on cardiovascular risk factors in primary schoolchildren: an exploratory trial (The A-CLASS Project). <i>Pediatric Exercise Science</i> , 2008 , 20, 169-80	2	8
80	Physical Activity Levels of 12-13 Year Old Schoolchildren During European Handball Lessons: Gender and Ability Group Differences. <i>European Physical Education Review</i> , 1996 , 2, 165-173	2.8	8
79	Capturing the geography of children's active and sedentary behaviours at home: the HomeSPACE measurement tool. <i>Children's Geographies</i> , 2019 , 17, 291-308	1.5	7
78	Physical activity in non-overweight and overweight UK preschool children: Preliminary findings and methods of the Active Play Project. <i>Science and Sports</i> , 2011 , 26, 345-349	0.8	7
77	Biological maturity and primary school children's physical activity: Influence of different physical activity assessment instruments. <i>European Journal of Sport Science</i> , 2011 , 11, 241-248	3.9	7
76	Promoting health-enhancing physical activity in the primary school: a pilot evaluation of the BASH health-related exercise initiative. <i>Health Education Research</i> , 2008 , 23, 576-81	1.8	7
75	The AHK-Wales Report Card 2018: Policy Measures - is it possible to 'score' qualitative data?. <i>Health Promotion International</i> , 2021 , 36, 1151-1159	3	7
74	Active Children Through Individual Vouchers Evaluation: A Mixed-Method RCT. <i>American Journal of Preventive Medicine</i> , 2020 , 58, 232-243	6.1	7
73	Longitudinal access and exposure to green-blue spaces and individual-level mental health and well-being: protocol for a longitudinal, population-wide record-linked natural experiment. <i>BMJ Open</i> , 2019 , 9, e027289	3	6
72	Active children through individual vouchers - evaluation (ACTIVE): protocol for a mixed method randomised control trial to increase physical activity levels in teenagers. <i>BMC Public Health</i> , 2017 , 18, 7	4.1	6
71	Objective profiling of varied human motion based on normative assessment of magnetometer time series data. <i>Physiological Measurement</i> , 2018 , 39, 045007	2.9	6
70	Training sports coaches to tackle tobacco: formative evaluation of the SmokeFree Sports campaign. <i>International Journal of Health Promotion and Education</i> , 2015 , 53, 2-16	0.8	6
69	Does brachial artery flow-mediated dilation scale to anthropometric characteristics?. <i>European Journal of Applied Physiology</i> , 2010 , 110, 171-6	3.4	6
68	Physical Education and Sustainable Development: An Untrodden Path. <i>Quest</i> , 2001 , 53, 471-482	2.2	6
67	Effect of high-intensity interval training in adolescents with asthma: The eXercise for Asthma with Commando Joe's (X4ACJ) trial. <i>Journal of Sport and Health Science</i> , 2021 , 10, 488-498	8.2	5
66	Associations between anthropometric indicators in early life and low-grade inflammation, insulin resistance and lipid profile in adolescence. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 783-792	4.5	5
65	Effect of asthma and six-months high-intensity interval training on heart rate variability during exercise in adolescents. <i>Journal of Sports Sciences</i> , 2019 , 37, 2228-2235	3.6	5
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