

Gareth Stratton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Motor Competence Among Children in the United Kingdom and Ireland: An Expert Statement on Behalf of the International Motor Development Research Consortium. <i>Journal of Motor Learning and Development</i> , 2022 , 1-20	1.4	3
223	Back to school after lockdown: The effect of COVID-19 restrictions on children's device-based physical activity metrics.. <i>Journal of Sport and Health Science</i> , 2022 ,	8.2	3
222	Animal-based food choice and associations with long-term weight maintenance and metabolic health after a large and rapid weight loss: The PREVIEW study.. <i>Clinical Nutrition</i> , 2022 , 41, 817-828	5.9	0
221	A Socioecological Perspective of How Physical Activity and Sedentary Behaviour at Home Changed during the First Lockdown of COVID-19 Restrictions: The HomeSPACE Project.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	1
220	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
219	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
218	Are individual and social factors specific to the home associated with children's behaviour and physical environment at home. <i>Journal of Sports Sciences</i> , 2021 , 39, 2242-2257	3.6	1
217	Appraisal of Triglyceride-Related Markers as Early Predictors of Metabolic Outcomes in the PREVIEW Lifestyle Intervention: A Controlled Trial. <i>Frontiers in Nutrition</i> , 2021 , 8, 733697	6.2	0
216	What Is the Profile of Overweight Individuals Who Are Unsuccessful Responders to a Low-Energy Diet? A PREVIEW Sub-study. <i>Frontiers in Nutrition</i> , 2021 , 8, 707682	6.2	0
215	Dose-Dependent Associations of Dietary Glycemic Index, Glycemic Load, and Fiber With 3-Year Weight Loss Maintenance and Glycemic Status in a High-Risk Population: A Secondary Analysis of the Diabetes Prevention Study PREVIEW. <i>Diabetes Care</i> , 2021 , 44, 1672-1681	14.6	5
214	A High-Protein, Low Glycemic Index Diet Suppresses Hunger but Not Weight Regain After Weight Loss: Results From a Large, 3-Years Randomized Trial (PREVIEW). <i>Frontiers in Nutrition</i> , 2021 , 8, 685648	6.2	0
213	Association of Psychobehavioral Variables With HOMA-IR and BMI Differs for Men and Women With Prediabetes in the PREVIEW Lifestyle Intervention. <i>Diabetes Care</i> , 2021 , 44, 1491-1498	14.6	1
212	Validity and reliability of the HomeSPACE-II instrument to assess the influence of the home physical environment on children's physical activity and sedentary behaviour. <i>International Journal of Health Promotion and Education</i> , 2021 , 59, 108-127	0.8	2
211	Effect of a high protein/low glycaemic index diet on insulin resistance in adolescents with overweight/obesity-A PREVIEW randomized clinical trial. <i>Pediatric Obesity</i> , 2021 , 16, e12702	4.6	2
210	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
209	Women, wellbeing and the city: A model of participatory health research exploring physical activity in Black, Asian and minority ethnic communities. <i>Health Education Journal</i> , 2021 , 80, 287-299	1.5	1
208	Associations of changes in reported and estimated protein and energy intake with changes in insulin resistance, glycated hemoglobin, and BMI during the PREVIEW lifestyle intervention study. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1847-1858	7	1

207	Associations between swimming & cycling abilities and fitness in 9-11 year old boys and girls.. <i>Journal of Sports Sciences</i> , 2021 , 1-9	3.6	
206	Youth motor competence promotion model: a quantitative investigation into modifiable factors. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 955-961	4.4	0
205	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
204	Activity Mapping of Children in Play Using Multivariate Analysis of Movement Events. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 259-266	1.2	2
203	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study. <i>PLoS ONE</i> , 2020 , 15, e0228149	3.7	10
202	Involving the headteacher in the development of school-based health interventions: A mixed-methods outcome and process evaluation using the RE-AIM framework. <i>PLoS ONE</i> , 2020 , 15, e0230745	3.7	2
201	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
200	Profiling movement behaviours in pre-school children: A self-organised map approach. <i>Journal of Sports Sciences</i> , 2020 , 38, 150-158	3.6	4
199	A cross-sectional study on the deprivation and sex differences in health-related fitness measures in school children. <i>Journal of Sports Sciences</i> , 2020 , 38, 70-78	3.6	0
198	Active Children Through Individual Vouchers Evaluation: A Mixed-Method RCT. <i>American Journal of Preventive Medicine</i> , 2020 , 58, 232-243	6.1	7
197	Asthma, body mass and aerobic fitness, the relationship in adolescents: The exercise for asthma with commando Joe's (X4ACJ) trial. <i>Journal of Sports Sciences</i> , 2020 , 38, 288-295	3.6	4
196	Involving the headteacher in the development of school-based health interventions: A mixed-methods outcome and process evaluation using the RE-AIM framework 2020 , 15, e0230745		
195	Involving the headteacher in the development of school-based health interventions: A mixed-methods outcome and process evaluation using the RE-AIM framework 2020 , 15, e0230745		
194	Involving the headteacher in the development of school-based health interventions: A mixed-methods outcome and process evaluation using the RE-AIM framework 2020 , 15, e0230745		
193	Involving the headteacher in the development of school-based health interventions: A mixed-methods outcome and process evaluation using the RE-AIM framework 2020 , 15, e0230745		
192	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study 2020 , 15, e0228149		
191	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study 2020 , 15, e0228149		
190	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study 2020 , 15, e0228149		

189	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study 2020 , 15, e0228149		
188	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study 2020 , 15, e0228149		
187	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study 2020 , 15, e0228149		
186	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
185	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
184	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
183	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
182	What works best when implementing a physical activity intervention for teenagers? Reflections from the ACTIVE Project: a qualitative study. <i>BMJ Open</i> , 2019 , 9, e025618	3	1
181	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
180	Can Wearable Cameras be Used to Validate School-Aged Children's Lifestyle Behaviours?. <i>Children</i> , 2019 , 6,	2.8	14
179	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
178	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
177	Physical activity, motor competence and movement and gait quality: A principal component analysis. <i>Human Movement Science</i> , 2019 , 68, 102523	2.4	3
176	Predictors of cardiovascular health in teenagers (aged 13-14 years): a cross-sectional study linked with routine data. <i>Open Heart</i> , 2019 , 6, e001147	3	1
175	Response. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2181	1.2	
174	PREVIEW (Prevention of Diabetes Through Lifestyle Intervention and Population Studies in Europe and Around the World) study in children aged 10 to 17 years: Design, methods and baseline results. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1096-1101	6.7	4
173	Origins of perceived physical education ability and worth among English adolescents. <i>European Physical Education Review</i> , 2018 , 24, 165-180	2.8	8
172	Profiling Movement and Gait Quality Characteristics in Pre-School Children. <i>Journal of Motor Behavior</i> , 2018 , 50, 557-565	1.4	8

171	Perceptions of asthma and exercise in adolescents with and without asthma. <i>Journal of Asthma</i> , 2018 , 55, 868-876	1.9	24
170	Individual calibration of accelerometers in children and their health-related implications. <i>Journal of Sports Sciences</i> , 2018 , 36, 1340-1345	3.6	4
169	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
168	Teenage recommendations to improve physical activity for their age group: a qualitative study. <i>BMC Public Health</i> , 2018 , 18, 372	4.1	18
167	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
166	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
165	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
164	School physical education and physical activity 2018 , 367-380		
163	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
162	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
161	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
160	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
159	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
158	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
157	From Surveillance to Intervention: Overview and Baseline Findings for the Active City of Liverpool Active Schools and SportsLinx (A-CLASS) Project. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	2
156	Measuring the capacity of active video games for social interaction: The Social Interaction Potential Assessment tool. <i>Computers in Human Behavior</i> , 2018 , 87, 308-316	7.7	4
155	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
154	High-Intensity Interval Training Interventions in Children and Adolescents: A Systematic Review. <i>Sports Medicine</i> , 2017 , 47, 2363-2374	10.6	79

153	The effect of deprivation on the developmental activities of adolescent rugby union players in Wales. <i>Journal of Sports Sciences</i> , 2017 , 35, 2390-2396	3.6	3
152	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
151	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	4.0	2980
150	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
149	Public health and the prevention of obesity 2017 , 329-354		
148	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
147	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
146	Utility of three anthropometric indices in assessing the cardiometabolic risk profile in children. <i>American Journal of Human Biology</i> , 2017 , 29, e22934	2.7	2
145	A machine learning approach to measure and monitor physical activity in children. <i>Neurocomputing</i> , 2017 , 228, 220-230	5.4	9
144	A Review of Emerging Analytical Techniques for Objective Physical Activity Measurement in Humans. <i>Sports Medicine</i> , 2017 , 47, 439-447	10.6	35
143	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
142	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
141	Active children through incentive vouchers - evaluation (ACTIVE): a mixed-method feasibility study. <i>BMC Public Health</i> , 2016 , 16, 890	4.1	19
140	Profiling movement quality and gait characteristics according to body-mass index in children (9-11 years). <i>Human Movement Science</i> , 2016 , 49, 291-300	2.4	11
139	Parental influences on children's physical self-perceptions, body composition, and physical activity levels. <i>Lancet, The</i> , 2016 , 388, S45	4.0	5
138	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
137	Objective measurement of sedentary behaviour using accelerometers. <i>International Journal of Obesity</i> , 2016 , 40, 1809-1812	5.5	45
136	A Kinematic Analysis of Fundamental Movement Skills. <i>Sport Science Review</i> , 2016 , 25, 261-275		13

135	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
134	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
133	Effect of high-intensity exercise on aerobic performance and airway inflammation in asthma 2016 ,		2
132	SlamTracker Accuracy under Static and Controlled Movement Conditions. <i>Sport Science Review</i> , 2016 , 25, 374-383		1
131	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
130	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
129	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 192 million participants. <i>Lancet, The</i> , 2016 , 387, 1377-1396 ⁴⁰		2787
128	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
127	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
126	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
125	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
124	FUNDAMENTAL MOVEMENT SKILLS OF PRESCHOOL CHILDREN IN NORTHWEST ENGLAND. <i>Perceptual and Motor Skills</i> , 2015 , 121, 260-83	2.2	38
123	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
122	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
121	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
120	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
119	A Machine Learning Approach to Measure and Monitor Physical Activity in Children to Help Fight Overweight and Obesity. <i>Lecture Notes in Computer Science</i> , 2015 , 676-688	0.9	3
118	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

117	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
116	Factors associated with low fitness in adolescents--a mixed methods study. <i>BMC Public Health</i> , 2014 , 14, 764	4.1	29
115	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
114	Ethnic differences in parental attitudes and beliefs about being overweight in childhood. <i>Health Education Journal</i> , 2014 , 73, 179-191	1.5	14
113	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
112	From design to interpretation: Lessons from a public health campaign promoting physical activity. <i>Health Education Journal</i> , 2014 , 73, 554-565	1.5	1
111	Assessment of biochemical liver markers, physical activity, fitness and body mass index for a cardiometabolic risk model in childhood. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014 , 103, e194-8	3.1	1
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	Reliability of a field based 2D:4D measurement technique in children. <i>Early Human Development</i> , 2013 , 89, 589-92	2.2	4
101	The effect of exergaming on vascular function in children. <i>Journal of Pediatrics</i> , 2013 , 163, 806-10	3.6	35
100	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

99	Are changes in conduit artery function associated with intima-medial thickness in young subjects?. <i>European Journal of Preventive Cardiology</i> , 2013 , 20, 904-10	3.9	1
98	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
97	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
96	Monitoring and reducing sedentary behavior in the elderly with the aid of human digital memories. <i>Telemedicine Journal and E-Health</i> , 2013 , 19, 173-85	5.9	4
95	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
94	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
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	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
91	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
90	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
89	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
88	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
87	Creating intelligent environments to monitor and manipulate physical activity and sedentary behavior in public health and clinical settings 2012 ,		1
86	A calibration protocol for population-specific accelerometer cut-points in children. <i>PLoS ONE</i> , 2012 , 7, e36919	3.7	22
85	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
84	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
83	The Physical Education and School Sport Environment Inventory: Preliminary Validation and Reliability. <i>Environment and Behavior</i> , 2012 , 44, 50-67	5.6	2
82	Clustered cardiometabolic risk, cardiorespiratory fitness and physical activity in 10-11 year-old children. The CHANGE! Project baseline. <i>Archives of Exercise in Health and Disease</i> , 2012 , 3, 207-213		5

81	Monitoring and measuring physical activity and sedentary behaviour. <i>International Journal of Healthcare Technology and Management</i> , 2012 , 13, 283	0.3	3
80	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
79	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
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	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
75	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
74	Comparing the Physiological Cost of Step-Powered Video Gaming, Sedentary Video Gaming, and Self-Paced Ambulatory Activity in University Students. <i>Archives of Exercise in Health and Disease</i> , 2011 , 2, 81-88		
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
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