

Gareth Stratton

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

19,404
citations

36271

51
h-index

12585

132
g-index

235
all docs

235
docs citations

235
times ranked

26149
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.3	5,010
2	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.	6.3	3,941
3	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-S327.	0.9	1,099
4	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.	1.0	511
5	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019, 569, 260-264.	13.7	469
6	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.	1.0	335
7	Improving physical activity assessment in prepubertal children with high-frequency accelerometry monitoring: A methodological issue. <i>Preventive Medicine</i> , 2007, 44, 143-147.	1.6	289
8	Comparison of energy expenditure in adolescents when playing new generation and sedentary computer games: cross sectional study. <i>BMJ: British Medical Journal</i> , 2007, 335, 1282-1284.	2.4	241
9	Physical Activity Levels of Children during School Playtime. <i>Sports Medicine</i> , 2006, 36, 359-371.	3.1	231
10	The effect of multicolor playground markings on children's physical activity level during recess. <i>Preventive Medicine</i> , 2005, 41, 828-833.	1.6	230
11	Long-term effects of a playground markings and physical structures on children's recess physical activity levels. <i>Preventive Medicine</i> , 2007, 44, 393-397.	1.6	218
12	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, 617-623.	1.2	201
13	'Physical education makes you fit and healthy'. Physical education's contribution to young people's physical activity levels. <i>Health Education Research</i> , 2004, 20, 14-23.	1.0	171
14	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.	2.0	167
15	Assessing physical activity during recess using accelerometry. <i>Preventive Medicine</i> , 2005, 41, 102-107.	1.6	159
16	Physical Activity Levels in Middle and High School Physical Education: A Review. <i>Pediatric Exercise Science</i> , 2005, 17, 217-236.	0.5	142
17	Promoting children's physical activity in primary school: an intervention study using playground markings. <i>Ergonomics</i> , 2000, 43, 1538-1546.	1.1	140
18	High-Intensity Interval Training Interventions in Children and Adolescents: A Systematic Review. <i>Sports Medicine</i> , 2017, 47, 2363-2374.	3.1	136

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19	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.	3.2	130
20	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.	1.0	118
21	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.	2.0	115
22	A school-based survey of recurrent non-specific low-back pain prevalence and consequences in children. <i>Health Education Research</i> , 2004, 19, 284-289.	1.0	114
23	The Contribution of Secondary School Physical Education to Lifetime Physical Activity. <i>European Physical Education Review</i> , 2002, 8, 69-84.	1.2	109
24	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.	0.4	107
25	Quantification of the typical weekly in-season training load in elite junior soccer players. <i>Journal of Sports Sciences</i> , 2012, 30, 1573-1580.	1.0	107
26	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.	1.2	105
27	A Review of Physical Activity Levels during Elementary School Physical Education. <i>Journal of Teaching in Physical Education</i> , 2006, 25, 240-258.	0.9	104
28	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.	2.0	101
29	Energy expenditure in adolescents playing new generation computer games. <i>British Journal of Sports Medicine</i> , 2008, 42, 592-4.	3.1	100
30	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.	2.0	96
31	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, 167-175.	1.0	93
32	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, 1172-1178.	1.6	92
33	Biological risk indicators for recurrent non-specific low back pain in adolescents. <i>British Journal of Sports Medicine</i> , 2005, 39, 137-140.	3.1	91
34	Influence of Intensity of Physical Activity on Adiposity and Cardiorespiratory Fitness in 5-18 Year Olds. <i>Sports Medicine</i> , 2011, 41, 477-488.	3.1	86
35	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.	2.0	85
36	Relationships between measures of fitness, physical activity, body composition and vascular function in children. <i>Atherosclerosis</i> , 2009, 204, 244-249.	0.4	78

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37	The Effect of Active Video Gaming on Children's Physical Activity, Behavior Preferences and Body Composition. <i>Pediatric Exercise Science</i> , 2010, 22, 535-546.	0.5	74
38	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, 632.	1.7	72
39	BASES Position Statement on Guidelines for Resistance Exercise in Young People. <i>Journal of Sports Sciences</i> , 2004, 22, 383-390.	1.0	71
40	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, 691-696.	0.6	71
41	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> , 2021, 18, 18.	1.2	70
42	Effect of a school-based active play intervention on sedentary time and physical activity in preschool children. <i>Health Education Research</i> , 2013, 28, 931-942.	1.0	66
43	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.	1.5	66
44	Improving health-enhancing physical activity in girls' physical education. <i>Health Education Research</i> , 2005, 20, 448-457.	1.0	65
45	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.	1.0	65
46	Fundamental Movement Skills of Preschool Children in Northwest England. <i>Perceptual and Motor Skills</i> , 2015, 121, 260-283.	0.6	64
47	Children's Heart Rates during Physical Education Lessons: A Review. <i>Pediatric Exercise Science</i> , 1996, 8, 215-233.	0.5	63
48	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.	0.7	63
49	Day-to-day and seasonal variability of physical activity during school recess. <i>Preventive Medicine</i> , 2006, 42, 372-374.	1.6	60
50	Objective measurement of sedentary behaviour using accelerometers. <i>International Journal of Obesity</i> , 2016, 40, 1809-1812.	1.6	59
51	Whole-day and segmented-day physical activity variability of northwest England school children. <i>Preventive Medicine</i> , 2007, 44, 421-425.	1.6	58
52	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.	2.2	58
53	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.	3.9	52
54	Curriculum-based outdoor learning for children aged 9-11: A qualitative analysis of pupils' and teachers' views. <i>PLoS ONE</i> , 2019, 14, e0212242.	1.1	52

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55	Physical Activity Levels of Normal-weight and Overweight Girls and Boys During Primary School Recess. <i>Obesity</i> , 2007, 15, 1513-1519.	1.5	49
56	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, 446-451.	0.8	49
57	Muscle function assessment in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2000, 89, 753-761.	0.7	47
58	Examining children's physical activity and play behaviors during school playtime over time. <i>Health Education Research</i> , 2011, 26, 586-595.	1.0	46
59	Digit ratio (2D:4D) and physical fitness (Eurofit test battery) in school children. <i>Early Human Development</i> , 2015, 91, 327-331.	0.8	45
60	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.	2.0	42
61	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, 1090-1094.	0.8	42
62	Effects of a physical education intervention to improve student activity levels. <i>Physical Education and Sport Pedagogy</i> , 2006, 11, 29-44.	1.8	41
63	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, 406-415.	1.0	41
64	A Review of Emerging Analytical Techniques for Objective Physical Activity Measurement in Humans. <i>Sports Medicine</i> , 2017, 47, 439-447.	3.1	41
65	Changes in Cardiorespiratory Fitness in 9- to 10.9-Year-Old Children. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 481-486.	0.2	40
66	The Efficacy of Exercise as an Intervention to Treat Recurrent Nonspecific Low Back Pain in Adolescents. <i>Pediatric Exercise Science</i> , 2007, 19, 349-359.	0.5	39
67	The Effect of Exergaming on Vascular Function in Children. <i>Journal of Pediatrics</i> , 2013, 163, 806-810.	0.9	39
68	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.	0.9	37
69	Patterns of Objectively Measured Moderate-to-Vigorous Physical Activity in Preschool Children. <i>Journal of Physical Activity and Health</i> , 2014, 11, 1233-1238.	1.0	37
70	Perceptions of asthma and exercise in adolescents with and without asthma. <i>Journal of Asthma</i> , 2018, 55, 868-876.	0.9	37
71	Children's Heart Rates during British Physical Education Lessons. <i>Journal of Teaching in Physical Education</i> , 1997, 16, 357-367.	0.9	36
72	Factors associated with low fitness in adolescents – A mixed methods study. <i>BMC Public Health</i> , 2014, 14, 764.	1.2	36

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73	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.	0.5	35
74	The Effects of Playground Markings on the Energy Expenditure of 5-7-Year-Old School Children. <i>Pediatric Exercise Science</i> , 2002, 14, 170-180.	0.5	34
75	Changes in fitness, body mass index and obesity in 9-10-year olds. <i>Journal of Human Nutrition and Dietetics</i> , 2010, 23, 254-259.	1.3	34
76	Classification of accelerometer wear and non-wear events in seconds for monitoring free-living physical activity. <i>BMJ Open</i> , 2015, 5, e007447-e007447.	0.8	34
77	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.	0.6	32
78	Teenage recommendations to improve physical activity for their age group: a qualitative study. <i>BMC Public Health</i> , 2018, 18, 372.	1.2	32
79	ROC Generated Thresholds for Field-Assessed Aerobic Fitness Related to Body Size and Cardiometabolic Risk in Schoolchildren. <i>PLoS ONE</i> , 2012, 7, e45755.	1.1	32
80	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.	0.8	31
81	Physical Activity during School Recess: The Liverpool Sporting Playgrounds Project. <i>Pediatric Exercise Science</i> , 2005, 17, 281-290.	0.5	30
82	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.	2.0	30
83	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.	4.3	30
84	The AHK-Wales Report Card 2018: Policy Measures - is it possible to "score" qualitative data?. <i>Health Promotion International</i> , 2021, 36, 1151-1159.	0.9	30
85	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, 249-255.	1.3	29
86	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.	1.2	29
87	The Effect of Feedback and Information on Children's Pedometer Step Counts at School. <i>Pediatric Exercise Science</i> , 2007, 19, 29-38.	0.5	28
88	Mapping dietary habits may provide clues about the factors that determine food choice. <i>Journal of Human Nutrition and Dietetics</i> , 2008, 21, 428-437.	1.3	28
89	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.	1.2	28
90	Physical activity guidelines and cardiovascular risk in children: a cross sectional analysis to determine whether 60 minutes is enough. <i>BMC Public Health</i> , 2015, 16, 67.	1.2	28

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91	A Dynamic Assessment of Children's Physical Competence: The Dragon Challenge. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2474-2487.	0.2	28
92	A Calibration Protocol for Population-Specific Accelerometer Cut-Points in Children. <i>PLoS ONE</i> , 2012, 7, e36919.	1.1	27
93	Scaling of Peak Oxygen Uptake in Children. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2341-2345.	0.2	27
94	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.	1.5	27
95	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.	0.6	27
96	Active children through incentive vouchers – evaluation (ACTIVE): a mixed-method feasibility study. <i>BMC Public Health</i> , 2016, 16, 890.	1.2	26
97	The Physical Education Predisposition Scale: Preliminary development and validation. <i>Journal of Sports Sciences</i> , 2009, 27, 1555-1563.	1.0	24
98	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.	1.2	24
99	The Daily Mile: Whole-school recommendations for implementation and sustainability. A mixed-methods study. <i>PLoS ONE</i> , 2020, 15, e0228149.	1.1	24
100	Examining Influences on Boys' and Girls' Physical Activity Patterns: The A-CLASS Project. <i>Pediatric Exercise Science</i> , 2010, 22, 638-650.	0.5	23
101	Heritability of Arterial Function, Fitness, and Physical Activity in Youth: A Study of Monozygotic and Dizygotic Twins. <i>Journal of Pediatrics</i> , 2010, 157, 943-948.	0.9	23
102	Age and sex relationship with flow-mediated dilation in healthy children and adolescents. <i>Journal of Applied Physiology</i> , 2015, 119, 926-933.	1.2	23
103	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.	2.0	23
104	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, 636-641.	1.1	22
105	Physical activity and psychological well-being in children with Type 1 diabetes. <i>Psychology, Health and Medicine</i> , 2007, 12, 353-363.	1.3	22
106	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, 745-754.	0.6	22
107	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.	0.5	22
108	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.	1.2	22

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109	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, 4178.	1.2	22
110	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.	1.1	21
111	Physical Activity, Fitness, and Affective Responses of Normal-Weight and Overweight Adolescents during Physical Education. <i>Pediatric Exercise Science</i> , 2006, 18, 53-63.	0.5	20
112	Recurrent non-specific low-back pain in adolescents: the role of exercise. <i>Ergonomics</i> , 2007, 50, 1680-1688.	1.1	20
113	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, 426-438.	0.5	20
114	Can Wearable Cameras be Used to Validate School-Aged Children's Lifestyle Behaviours?. <i>Children</i> , 2019, 6, 20.	0.6	20
115	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, 11, 530-536.	3.3	20
116	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.	0.1	19
117	The prevalence of underweight in 9-10-year-old schoolchildren in Liverpool: 1998-2006. <i>Public Health Nutrition</i> , 2009, 12, 953-956.	1.1	19
118	Effect of high-intensity interval training in adolescents with asthma: The eXercise for Asthma with Commando Joe's (X4AC) trial. <i>Journal of Sport and Health Science</i> , 2021, 10, 488-498.	3.3	19
119	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.	1.0	18
120	Results From Wales's 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.	1.0	18
121	A Kinematic Analysis of Fundamental Movement Skills. <i>Sport Science Review</i> , 2016, 25, 261-275.	0.2	18
122	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, 1339-1343.	0.7	17
123	Ethnic differences in parental attitudes and beliefs about being overweight in childhood. <i>Health Education Journal</i> , 2014, 73, 179-191.	0.6	17
124	Associations of Brain Reactivity to Food Cues with Weight Loss, Protein Intake and Dietary Restraint during the PREVIEW Intervention. <i>Nutrients</i> , 2018, 10, 1771.	1.7	17
125	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, 54.	1.7	17
126	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.	0.8	17

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127	Changes in BMI and prevalence of obesity and overweight in children in Liverpool, 1998â€”2006. <i>Perspectives in Public Health</i> , 2009, 129, 127-131.	0.8	16
128	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.	4.3	16
129	Changing from a mixed to self-selected vegetarian diet - influence on blood lipids. <i>Journal of Human Nutrition and Dietetics</i> , 2002, 15, 323-329.	1.3	15
130	Lack of relationship between sedentary behaviour and vascular function in children. <i>European Journal of Applied Physiology</i> , 2012, 112, 617-622.	1.2	15
131	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.	0.4	15
132	Adherence to a Plant-Based Diet and Consumption of Specific Plant Foodsâ€™ Associations with 3-Year Weight-Loss Maintenance and Cardiometabolic Risk Factors: A Secondary Analysis of the PREVIEW Intervention Study. <i>Nutrients</i> , 2021, 13, 3916.	1.7	14
133	The Effect of a 9-Week Physical Activity Programme on Bone and Body Composition of Children Aged 10â€”11 Years: An Exploratory Trial. <i>International Journal of Sports Medicine</i> , 2008, 29, 941-947.	0.8	13
134	Cardiorespiratory fitness predicts clustered cardiometabolic risk in 10â€”11.9-year-olds. <i>European Journal of Pediatrics</i> , 2013, 172, 913-918.	1.3	13
135	Profiling movement quality and gait characteristics according to body-mass index in children (9â€”11Ây). <i>Human Movement Science</i> , 2016, 49, 291-300.	0.6	13
136	A machine learning approach to measure and monitor physical activity in children. <i>Neurocomputing</i> , 2017, 228, 220-230.	3.5	13
137	Results From Walesâ€™ 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, S430-S432.	1.0	13
138	Relationship between Sedentary Time, Physical Activity and Multiple Lifestyle Factors in Children. <i>Journal of Functional Morphology and Kinesiology</i> , 2018, 3, 15.	1.1	13
139	Quantitative Time Profiling of Children's Activity and Motion. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 183-190.	0.2	13
140	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, 100-112.	0.5	12
141	Active Children Through Individual Vouchers Evaluation: A Mixed-Method RCT. <i>American Journal of Preventive Medicine</i> , 2020, 58, 232-243.	1.6	12
142	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, 5070.	1.2	12
143	Age- and sex-specific effects of a long-term lifestyle intervention on body weight and cardiometabolic health markers in adults with prediabetes: results from the diabetes prevention study PREVIEW. <i>Diabetologia</i> , 2022, 65, 1262-1277.	2.9	12
144	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-H2187.	1.5	11

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145	Seasonal Reduction in Physical Activity and Flow-Mediated Dilation in Children. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 232-238.	0.2	11
146	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, 243-249.	1.2	11
147	Origins of perceived physical education ability and worth among English adolescents. <i>European Physical Education Review</i> , 2018, 24, 165-180.	1.2	11
148	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.	1.0	11
149	The association between dog ownership or dog walking and fitness or weight status in childhood. <i>Pediatric Obesity</i> , 2017, 12, e51-e56.	1.4	10
150	Profiling Movement and Gait Quality Characteristics in Pre-School Children. <i>Journal of Motor Behavior</i> , 2018, 50, 557-565.	0.5	10
151	Effect of a high protein/low glycaemic index diet on insulin resistance in adolescents with overweight/obesityâ€”A PREVIEW randomized clinical trial. <i>Pediatric Obesity</i> , 2021, 16, e12702.	1.4	10
152	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.	4.3	10
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