

Stewart G Trost

List of Publications by Year in descending order

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Version: 2024-02-01

268
papers

26,861
citations

11651

70
h-index

6131

159
g-index

271
all docs

271
docs citations

271
times ranked

19046
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence Based Physical Activity for School-age Youth. <i>Journal of Pediatrics</i> , 2005, 146, 732-737.	1.8	3,016
2	Correlates of adults' participation in physical activity: review and update. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1996-2001.	0.4	2,203
3	Conducting Accelerometer-Based Activity Assessments in Field-Based Research. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S531-S543.	0.4	1,516
4	Age and gender differences in objectively measured physical activity in youth. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 350-355.	0.4	1,088
5	Comparison of Accelerometer Cut Points for Predicting Activity Intensity in Youth. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1360-1368.	0.4	1,071
6	Using objective physical activity measures with youth: How many days of monitoring are needed?. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 426.	0.4	885
7	Validity of the computer science and applications (CSA) activity monitor in children. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 629-633.	0.4	618
8	Evaluating a model of parental influence on youth physical activity. <i>American Journal of Preventive Medicine</i> , 2003, 25, 277-282.	3.0	582
9	Accelerometer Data Reduction: A Comparison of Four Reduction Algorithms on Select Outcome Variables. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S544-S554.	0.4	552
10	Measuring and Influencing Physical Activity with Smartphone Technology: A Systematic Review. <i>Sports Medicine</i> , 2014, 44, 671-686.	6.5	544
11	Physical activity and determinants of physical activity in obese and non-obese children. <i>International Journal of Obesity</i> , 2001, 25, 822-829.	3.4	505
12	Physical Activity Among Children Attending Preschools. <i>Pediatrics</i> , 2004, 114, 1258-1263.	2.1	469
13	Test-retest reliability of four physical activity measures used in population surveys. <i>Journal of Science and Medicine in Sport</i> , 2004, 7, 205-215.	1.3	448
14	Sports Participation and Health-Related Behaviors Among US Youth. <i>JAMA Pediatrics</i> , 2000, 154, 904.	3.0	396
15	Associations between physical activity and other health behaviors in a representative sample of US adolescents.. <i>American Journal of Public Health</i> , 1996, 86, 1577-1581.	2.7	387
16	Compliance with Physical Activity Guidelines Prevalence in a Population of Children and Youth. <i>Annals of Epidemiology</i> , 2002, 12, 303-308.	1.9	361
17	Indexes of Insulin Resistance and Secretion in Obese Children and Adolescents. <i>Diabetes Care</i> , 2004, 27, 314-319.	8.6	303
18	Physical activity in overweight and nonoverweight preschool children. <i>International Journal of Obesity</i> , 2003, 27, 834-839.	3.4	290

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19	State of the Art Reviews: Measurement of Physical Activity in Children and Adolescents. American Journal of Lifestyle Medicine, 2007, 1, 299-314.	1.9	288
20	A collaborative approach to adopting/adapting guidelines - The Australian 24-Hour Movement Guidelines for the early years (Birth to 5 years): an integration of physical activity, sedentary behavior, and sleep. BMC Public Health, 2017, 17, 869.	2.9	261
21	A Prospective Study of the Determinants of Physical Activity in Rural Fifth-Grade Children. Preventive Medicine, 1997, 26, 257-263.	3.4	258
22	Calibration and Evaluation of an Objective Measure of Physical Activity in Preschool Children. Journal of Physical Activity and Health, 2005, 2, 345-357.	2.0	230
23	Objective Measurement of Physical Activity in Youth: Current Issues, Future Directions. Exercise and Sport Sciences Reviews, 2001, 29, 32-36.	3.0	225
24	Tracking of physical activity in young children. Medicine and Science in Sports and Exercise, 1996, 28, 92-96.	0.4	219
25	A Youth Compendium of Physical Activities. Medicine and Science in Sports and Exercise, 2018, 50, 246-256.	0.4	215
26	Calibration and Validation of Wearable Monitors. Medicine and Science in Sports and Exercise, 2012, 44, S32-S38.	0.4	213
27	Factorial Validity and Invariance of Questionnaires Measuring Social-Cognitive Determinants of Physical Activity among Adolescent Girls. Preventive Medicine, 2000, 31, 584-594.	3.4	211
28	Physical Activity Levels among Children Attending After-School Programs. Medicine and Science in Sports and Exercise, 2008, 40, 622-629.	0.4	208
29	Validation of a 3-Day Physical Activity Recall Instrument in Female Youth. Pediatric Exercise Science, 2003, 15, 257-265.	1.0	198
30	Life transitions and changing physical activity patterns in young women. American Journal of Preventive Medicine, 2003, 25, 140-143.	3.0	196
31	Comparison of three generations of ActiGraph [®] activity monitors in children and adolescents. Journal of Sports Sciences, 2012, 30, 1429-1435.	2.0	194
32	Influences of Preschool Policies and Practices on Children's Physical Activity. Journal of Community Health, 2004, 29, 183-196.	3.8	192
33	Effects of four different single exercise sessions on lipids, lipoproteins, and lipoprotein lipase. Journal of Applied Physiology, 1998, 85, 1169-1174.	2.5	187
34	Correlates of sedentary behaviours in preschool children: a review. International Journal of Behavioral Nutrition and Physical Activity, 2010, 7, 66.	4.6	186
35	Parental Influences on Physical Activity Behavior in Children and Adolescents: A Brief Review. American Journal of Lifestyle Medicine, 2011, 5, 171-181.	1.9	183
36	Mediators of physical activity behavior change among women with young children. American Journal of Preventive Medicine, 2002, 23, 98-103.	3.0	179

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37	Parental influences on physical activity behavior in preschool children. <i>Preventive Medicine</i> , 2010, 50, 129-133.	3.4	172
38	An Instrument to Assess the Obesogenic Environment of Child Care Centers. <i>American Journal of Health Behavior</i> , 2008, 32, .	1.4	166
39	Machine learning for activity recognition: hip versus wrist data. <i>Physiological Measurement</i> , 2014, 35, 2183-2189.	2.1	161
40	Physical Activity, Self-Regulation, and Early Academic Achievement in Preschool Children. <i>Early Education and Development</i> , 2014, 25, 56-70.	2.6	161
41	Method: Comparison of surveys used to measure physical activity. <i>Australian and New Zealand Journal of Public Health</i> , 2004, 28, 128-134.	1.8	156
42	A Review of Preschool Children's Physical Activity and Sedentary Time Using Objective Measures. <i>American Journal of Preventive Medicine</i> , 2014, 47, 487-497.	3.0	151
43	Predictive Validity of Three ActiGraph Energy Expenditure Equations for Children. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 380-387.	0.4	146
44	How are falls and fear of falling associated with objectively measured physical activity in a cohort of community-dwelling older men?. <i>BMC Geriatrics</i> , 2014, 14, 114.	2.7	143
45	Gender Differences in Physical Activity and Determinants of Physical Activity in Rural Fifth Grade Children. <i>Journal of School Health</i> , 1996, 66, 145-150.	1.6	141
46	Correlates of objectively measured physical activity in preadolescent youth. <i>American Journal of Preventive Medicine</i> , 1999, 17, 120-126.	3.0	137
47	Why are early maturing girls less active? Links between pubertal development, psychological well-being, and physical activity among girls at ages 11 and 13. <i>Social Science and Medicine</i> , 2007, 64, 2391-2404.	3.8	136
48	Feasibility and Efficacy of a "Move and Learn" Physical Activity Curriculum in Preschool Children. <i>Journal of Physical Activity and Health</i> , 2008, 5, 88-103.	2.0	135
49	Identification and Validity of Accelerometer Cut-points for Toddlers. <i>Obesity</i> , 2012, 20, 2317-2319.	3.0	129
50	Field evaluation of a random forest activity classifier for wrist-worn accelerometer data. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 75-80.	1.3	117
51	Artificial Neural Networks to Predict Activity Type and Energy Expenditure in Youth. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1801-1809.	0.4	111
52	Effects of Child Care Policy and Environment on Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 520-525.	0.4	109
53	Correlates of Physical Activity Behavior in Rural Youth. <i>Research Quarterly for Exercise and Sport</i> , 1997, 68, 241-248.	1.4	108
54	Advances in Population Surveillance for Physical Activity and Sedentary Behavior: Reliability and Validity of Time Use Surveys. <i>American Journal of Epidemiology</i> , 2010, 172, 1199-1206.	3.4	106

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55	Calibration and comparison of accelerometer cut points in preschool children. <i>Pediatric Obesity</i> , 2011, 6, e582-e589.	3.2	106
56	Physical inactivity remains the greatest public health problem of the 21st century: evidence, improved methods and solutions using the "7 investments that work"™ as a framework. <i>British Journal of Sports Medicine</i> , 2014, 48, 169-170.	6.7	105
57	Patterns of Accelerometer-Assessed Sedentary Behavior in Older Women. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 2562.	7.4	103
58	Evaluation of a Community-Based Intervention to Promote Physical Activity in Youth: Lessons from Active Winners. <i>American Journal of Health Promotion</i> , 2003, 17, 171-182.	1.7	101
59	Clinical use of objective measures of physical activity. <i>British Journal of Sports Medicine</i> , 2014, 48, 178-181.	6.7	100
60	An instrument to assess the obesogenic environment of child care centers. <i>American Journal of Health Behavior</i> , 2008, 32, 380-6.	1.4	98
61	Differences in Physical Activity Between Black and White Girls Living in Rural and Urban Areas. <i>Journal of School Health</i> , 2002, 72, 250-255.	1.6	95
62	Effects of a Pediatric Weight Management Program With and Without Active Video Games. <i>JAMA Pediatrics</i> , 2014, 168, 407.	6.2	94
63	Tracking of Physical Activity, Physical Inactivity, and Health-Related Physical Fitness in Rural Youth. <i>Pediatric Exercise Science</i> , 1999, 11, 364-376.	1.0	90
64	Validity of accelerometry in ambulatory children and adolescents with cerebral palsy. <i>European Journal of Applied Physiology</i> , 2011, 111, 2951-2959.	2.5	84
65	Advanced Pubertal Status at Age 11 and Lower Physical Activity in Adolescent Girls. <i>Journal of Pediatrics</i> , 2007, 151, 488-493.	1.8	83
66	Determinants of Physical Activity in Middle School Children. <i>American Journal of Health Behavior</i> , 2002, 26, 95-102.	1.4	82
67	Validity of the Previous Day Physical Activity Recall (PDPAR) in Fifth-Grade Children. <i>Pediatric Exercise Science</i> , 1999, 11, 341-348.	1.0	81
68	Randomized trial of a clinic-based, community-supported, lifestyle intervention to improve physical activity and diet: The North Carolina enhanced WISEWOMAN project. <i>Preventive Medicine</i> , 2008, 46, 499-510.	3.4	80
69	Reliability and validity of physical fitness field tests for adults aged 55 to 70 years. <i>Journal of Science and Medicine in Sport</i> , 2005, 8, 61-70.	1.3	77
70	Nutrition and Physical Activity Policies and Practices in Family Child Care Homes. <i>American Journal of Preventive Medicine</i> , 2009, 37, 537-540.	3.0	76
71	Psychosocial correlates of physical activity in white and African-American girls. <i>Journal of Adolescent Health</i> , 2002, 31, 226-233.	2.5	72
72	The Use of Uniaxial and Triaxial Accelerometers to Measure Children's "Free-Play" Physical Activity. <i>Pediatric Exercise Science</i> , 2000, 12, 360-370.	1.0	69

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73	Comparative Effects of Home- and Group-Based Exercise on Balance Confidence and Balance Ability in Older Adults: Cluster Randomized Trial. <i>Gerontology</i> , 2008, 54, 272-280.	2.8	68
74	Physical Activity Parenting Measurement and Research: Challenges, Explanations, and Solutions. <i>Childhood Obesity</i> , 2013, 9, S-103-S-109.	1.5	68
75	Student Physical Activity Levels during a Season of Sport Education. <i>Pediatric Exercise Science</i> , 2002, 14, 64-74.	1.0	65
76	Ensemble Methods for Classification of Physical Activities from Wrist Accelerometry. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1965-1973.	0.4	64
77	Physical Activity Recognition Using Posterior-Adapted Class-Based Fusion of Multiaccelerometer Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 678-685.	6.3	64
78	Factors associated with physical activity in children attending family child care homes. <i>Preventive Medicine</i> , 2012, 54, 131-133.	3.4	63
79	Measurement of General and Specific Approaches to Physical Activity Parenting: A Systematic Review. <i>Childhood Obesity</i> , 2013, 9, S-40-S-50.	1.5	60
80	Community Interventions to Promote Proper Nutrition and Physical Activity among Youth. <i>Preventive Medicine</i> , 2000, 31, S138-S149.	3.4	58
81	Adherence to physical activity and electronic media guidelines in Australian pre-€school children. <i>Journal of Paediatrics and Child Health</i> , 2009, 45, 5-8.	0.8	58
82	Randomized trial of three strategies to promote physical activity in general practice. <i>Preventive Medicine</i> , 2009, 48, 156-163.	3.4	58
83	Determinants of Physical Activity in Active and Low-€Active, Sixth Grade African-€American Youth. <i>Journal of School Health</i> , 1999, 69, 29-34.	1.6	57
84	Physical Activity Patterns of Inner-City Elementary Schoolchildren. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 470-474.	0.4	57
85	Facilitators and Barriers to Adopting Evidence-Based Physical Education in Elementary Schools. <i>Journal of Physical Activity and Health</i> , 2011, 8, S17-S25.	2.0	56
86	Physical Activity Correlates in Adolescent Girls Who Differ by Weight Status. <i>Obesity</i> , 2006, 14, 97-105.	3.0	54
87	Physical Activity Programming in Family Child Care Homes: Providers' Perceptions of Practices and Barriers. <i>Journal of Nutrition Education and Behavior</i> , 2009, 41, 268-273.	0.7	53
88	Reliability and Validity of Objective Measures of Physical Activity in Youth With Cerebral Palsy Who Are Ambulatory. <i>Physical Therapy</i> , 2016, 96, 37-45.	2.4	53
89	Machine learning algorithms for activity recognition in ambulant children and adolescents with cerebral palsy. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 105.	4.6	52
90	Correlates of Physical Activity in Male and Female Youth. <i>Pediatric Exercise Science</i> , 2000, 12, 71-79.	1.0	50

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91	Decision Trees for Detection of Activity Intensity in Youth with Cerebral Palsy. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 958-966.	0.4	49
92	10,000 Steps Rockhampton: Establishing a multi-strategy physical activity promotion project in a community. <i>Health Promotion Journal of Australia</i> , 2003, 14, 95-100.	1.2	48
93	Prediction of activity type in preschool children using machine learning techniques. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 426-431.	1.3	48
94	Exerciseâ€”Promoting healthy lifestyles in children and adolescents. <i>Journal of Clinical Lipidology</i> , 2008, 2, 162-168.	1.5	47
95	Physical Activity and Physical Fitness in Africanâ€”American Girls With and Without Obesity. <i>Obesity</i> , 1997, 5, 572-577.	4.0	45
96	Exploring Metrics to Express Energy Expenditure of Physical Activity in Youth. <i>PLoS ONE</i> , 2015, 10, e0130869.	2.5	44
97	Parental influences on screen time and weight status among preschool children from Brazil: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 27.	4.6	43
98	Accelerometer validity and placement for detection of changes in physical activity in dogs under controlled conditions on a treadmill. <i>Research in Veterinary Science</i> , 2012, 93, 412-416.	1.9	42
99	Efficacy of Participation-Focused Therapy on Performance of Physical Activity Participation Goals and Habitual Physical Activity in Children With Cerebral Palsy: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 676-686.	0.9	42
100	Measuring reliability and validity of the ActiGraph GT3X accelerometer for children with cerebral palsy: A feasibility study. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2014, 7, 233-240.	0.5	41
101	Intervening to reduce workplace sitting time: how and when do changes to sitting time occur?. <i>British Journal of Sports Medicine</i> , 2014, 48, 1037-1042.	6.7	41
102	Physical Activity, Obesity Status, and Blood Pressure in Preschool Children. <i>Journal of Pediatrics</i> , 2015, 167, 98-102.	1.8	41
103	Measurement of screen time among young children aged 0â€”6â€”years: A systematic review. <i>Obesity Reviews</i> , 2021, 22, e13260.	6.5	41
104	Childrenâ€™s Understanding of the Concept of Physical Activity. <i>Pediatric Exercise Science</i> , 2000, 12, 293-299.	1.0	40
105	School Physical Education in the Post-Report Era: An Analysis from Public Health. <i>Journal of Teaching in Physical Education</i> , 2004, 23, 318-337.	1.2	40
106	Validity of Accelerometry for Measurement of Activity in People with Brain Injury. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1474-1480.	0.4	39
107	Comparison of the Effects of a Home-Based and Group-Based Resistance Training Program on Functional Ability in Older Adults. <i>American Journal of Health Promotion</i> , 2008, 23, 13-17.	1.7	39
108	Chronic disease risks and use of a smartphone application during a physical activity and dietary intervention in Australian truck drivers. <i>Australian and New Zealand Journal of Public Health</i> , 2016, 40, 91-93.	1.8	39

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109	Physical Activities and Sedentary Pursuits in African American and Caucasian Girls. <i>Research Quarterly for Exercise and Sport</i> , 2004, 75, 352-360.	1.4	38
110	Balanced: a randomised trial examining the efficacy of two self-monitoring methods for an app-based multi-behaviour intervention to improve physical activity, sitting and sleep in adults. <i>BMC Public Health</i> , 2016, 16, 670.	2.9	37
111	A Nutrition and Physical Activity Intervention for Family Child Care Homes. <i>American Journal of Preventive Medicine</i> , 2011, 41, 392-398.	3.0	36
112	The impact of an m-Health financial incentives program on the physical activity and diet of Australian truck drivers. <i>BMC Public Health</i> , 2017, 17, 467.	2.9	36
113	Effects of exercise training on physical and psychosocial health in children with chronic respiratory disease: a systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000409.	2.9	36
114	Sensor-enabled Activity Class Recognition in Preschoolers. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 634-641.	0.4	35
115	Implementation of a School Physical Activity Policy Improves Student Physical Activity Levels: Outcomes of a Cluster-Randomized Controlled Trial. <i>Journal of Physical Activity and Health</i> , 2020, 17, 1009-1018.	2.0	35
116	Results from Australia's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014, 11, S21-S25.	2.0	34
117	Increasing Physical Activity in Childcare Outdoor Learning Environments. <i>Environment and Behavior</i> , 2016, 48, 550-578.	4.7	34
118	Non-wear or sleep? Evaluation of five non-wear detection algorithms for raw accelerometer data. <i>Journal of Sports Sciences</i> , 2020, 38, 399-404.	2.0	33
119	Machine Learning Models for Classifying Physical Activity in Free-Living Preschool Children. <i>Sensors</i> , 2020, 20, 4364.	3.8	33
120	Validity and Reliability of the 3-Day Physical Activity Recall in Singaporean Adolescents. <i>Research Quarterly for Exercise and Sport</i> , 2005, 76, 101-106.	1.4	31
121	Physical activity guidelines and preschooler's obesity status. <i>International Journal of Obesity</i> , 2013, 37, 1352-1355.	3.4	31
122	Physical Activity Levels Among Children Attending Family Day Care. <i>Journal of Nutrition Education and Behavior</i> , 2014, 46, 197-202.	0.7	31
123	Maternal and paternal support for physical activity and healthy eating in preschool children: a cross-sectional study. <i>BMC Public Health</i> , 2015, 15, 971.	2.9	31
124	Step based physical activity guidelines for preschool-aged children. <i>Preventive Medicine</i> , 2015, 70, 78-82.	3.4	31
125	Patterns and correlates of physical activity in adolescents in Dhaka city, Bangladesh. <i>Public Health</i> , 2017, 145, 75-82.	2.9	30
126	Agreement between Student-Reported and Proxy-Reported Physical Activity Questionnaires. <i>Pediatric Exercise Science</i> , 2007, 19, 310-318.	1.0	29

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127	Validation of a 24-h physical activity recall in indigenous and non-indigenous Australian adolescents. <i>Journal of Science and Medicine in Sport</i> , 2007, 10, 428-435.	1.3	29
128	Population-level physical activity surveillance in young people: are accelerometer-based measures ready for prime time?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 28.	4.6	29
129	Influence of the day care, home and neighbourhood environment on young children's physical activity and health: protocol for the PLAYCE observational study. <i>BMJ Open</i> , 2016, 6, e014058.	1.9	28
130	Wrist Acceleration Cut Points for Moderate-to-Vigorous Physical Activity in Youth. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 609-616.	0.4	28
131	Using Bluetooth proximity sensing to determine where office workers spend time at work. <i>PLoS ONE</i> , 2018, 13, e0193971.	2.5	28
132	Increasing physical activity among young children from disadvantaged communities: study protocol of a group randomised controlled effectiveness trial. <i>BMC Public Health</i> , 2016, 16, 1095.	2.9	27
133	Wrist Accelerometer Cut Points for Classifying Sedentary Behavior in Children. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 813-822.	0.4	26
134	Associations between the home yard and preschoolers' outdoor play and physical activity. <i>Public Health Research and Practice</i> , 2019, 29, .	1.5	26
135	Determinants of Physical Activity in Singaporean Adolescents. <i>International Journal of Behavioral Medicine</i> , 2010, 17, 279-286.	1.7	25
136	Effectiveness of a novel digital application to promote fundamental movement skills in 3- to 6-year-old children: A randomized controlled trial. <i>Journal of Sports Sciences</i> , 2021, 39, 453-459.	2.0	24
137	Supporting healthy lifestyle behaviours in families attending community playgroups: parents' perceptions of facilitators and barriers. <i>BMC Public Health</i> , 2019, 19, 1740.	2.9	23
138	Physical Activity Patterns of Singaporean Adolescents. <i>Pediatric Exercise Science</i> , 2006, 18, 400-414.	1.0	22
139	Health risk behaviors of rural sixth graders. <i>Research in Nursing and Health</i> , 1998, 21, 475-485.	1.6	21
140	Validity of the <sc>OMNI</sc> rating of perceived exertion scale for children and adolescents with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 748-753.	2.1	21
141	Prediction of Relative Physical Activity Intensity Using Multimodal Sensing of Physiological Data. <i>Sensors</i> , 2019, 19, 4509.	3.8	21
142	Effects of short-duration and long-duration exercise on lipoprotein(a). <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1511-1516.	0.4	20
143	PREDICT-CP: study protocol of implementation of comprehensive surveillance to predict outcomes for school-aged children with cerebral palsy. <i>BMJ Open</i> , 2017, 7, e014950.	1.9	20
144	Machine Learning to Quantify Physical Activity in Children with Cerebral Palsy: Comparison of Group, Group-Personalized, and Fully-Personalized Activity Classification Models. <i>Sensors</i> , 2020, 20, 3976.	3.8	20

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145	Machine learning to quantify habitual physical activity in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1054-1060.	2.1	20
146	Evaluating the Responsiveness of Accelerometry to Detect Change in Physical Activity. <i>Measurement in Physical Education and Exercise Science</i> , 2014, 18, 273-285.	1.8	19
147	Assessing Physical Activity During Youth Sport: The Observational System for Recording Activity in Children: Youth Sports. <i>Pediatric Exercise Science</i> , 2014, 26, 203-209.	1.0	19
148	Acute effects of reducing sitting time in adolescents: a randomized cross-over study. <i>BMC Public Health</i> , 2017, 17, 657.	2.9	19
149	Physical Activity Classification in Youth Using Raw Accelerometer Data from the Hip. <i>Measurement in Physical Education and Exercise Science</i> , 2020, 24, 129-136.	1.8	19
150	Tracking of Avoidance of Alcohol Use and Smoking Behavior in a Fifth Grade Cohort over Three Years. <i>Public Health Nursing</i> , 1999, 16, 32-40.	1.5	18
151	Adolescent pedometer protocols: examining reactivity, tampering and participants' perceptions. <i>Journal of Sports Sciences</i> , 2014, 32, 183-190.	2.0	18
152	The level and pattern of physical activity among fifth-grade students in Ho Chi Minh City, Vietnam. <i>Public Health</i> , 2018, 160, 18-25.	2.9	18
153	Measurement of energy expenditure of daily tasks among mothers of young children. <i>Journal of Science and Medicine in Sport</i> , 2001, 4, 379-385.	1.3	17
154	Free-living Evaluation of Laboratory-based Activity Classifiers in Preschoolers. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1227-1234.	0.4	17
155	Jump start™ childcare-based intervention to promote physical activity in pre-schoolers: six-month findings from a cluster randomised trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 6.	4.6	17
156	Promoting physical activity to older adults: A preliminary evaluation of three general practice-based strategies. <i>Journal of Science and Medicine in Sport</i> , 2005, 8, 446-450.	1.3	16
157	Calibration of the Biotrainer Pro Activity Monitor in Children. <i>Pediatric Exercise Science</i> , 2007, 19, 145-158.	1.0	16
158	Feasibility and Efficacy of a Church-Based Intervention to Promote Physical Activity in Children. <i>Journal of Physical Activity and Health</i> , 2009, 6, 741-749.	2.0	16
159	Translation of a behavioral weight loss intervention for midlife, low-income women in local health departments. <i>Obesity</i> , 2013, 21, 1764-1773.	3.0	16
160	Comparison of 3 Accelerometer Data Reduction Approaches, Step Counts, and 2 Self-Report Measures for Estimating Physical Activity in Free-Living Adults. <i>Journal of Physical Activity and Health</i> , 2013, 10, 1068-1074.	2.0	16
161	Psychometric properties of the modified RESIDE physical activity questionnaire among low-income overweight women. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 37-42.	1.3	16
162	Evaluation of a Physical Activity Intervention for Adults With Brain Impairment. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 854-865.	2.9	16

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163	Validity of Family Child Care Providers' Proxy Reports on Children's Physical Activity. <i>Childhood Obesity</i> , 2013, 9, 393-398.	1.5	15
164	The Effects of a Goal Setting Intervention on Aerobic Fitness in Middle School Students. <i>Journal of Teaching in Physical Education</i> , 2015, 34, 576-587.	1.2	15
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