

Alex Rowlands

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

9,435
citations

38660

50
h-index

46693

89
g-index

189
all docs

189
docs citations

189
times ranked

9442
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity of heart rate, pedometry, and accelerometry for predicting the energy cost of children's activities. <i>Journal of Applied Physiology</i> , 1998, 84, 362-371.	1.2	499
2	Validation of the GENE Accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1085-1093.	0.2	471
3	The validity of consumer-level, activity monitors in healthy adults worn in free-living conditions: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 42.	2.0	410
4	GGIR: A Research Community-Driven Open Source R Package for Generating Physical Activity and Sleep Outcomes From Multi-Day Raw Accelerometer Data. <i>Journal for the Measurement of Physical Behaviour</i> , 2019, 2, 188-196.	0.5	391
5	Validation of the RT3 Triaxial Accelerometer for the Assessment of Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 518-524.	0.2	273
6	Accelerometer Assessment of Physical Activity in Children: An Update. <i>Pediatric Exercise Science</i> , 2007, 19, 252-266.	0.5	260
7	Relationship between activity levels, aerobic fitness, and body fat in 8- to 10-yr-old children. <i>Journal of Applied Physiology</i> , 1999, 86, 1428-1435.	1.2	240
8	Calibration of the GENE accelerometer for assessment of physical activity intensity in children. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 124-128.	0.6	229
9	Utilization and Harmonization of Adult Accelerometry Data. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2129-2139.	0.2	222
10	Wear Compliance and Activity in Children Wearing Wrist- and Hip-Mounted Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 245-253.	0.2	218
11	Calibration and Validation of Wearable Monitors. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, S32-S38.	0.2	213
12	Physical Activity Classification Using the GENE Wrist-Worn Accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 742-748.	0.2	178
13	Patterns of habitual activity across weekdays and weekend days in 9-11-year-old children. <i>Preventive Medicine</i> , 2008, 46, 317-324.	1.6	173
14	Validation of the GT3X ActiGraph in children and comparison with the GT1M ActiGraph. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 40-44.	0.6	155
15	Physical activity, multimorbidity, and life expectancy: a UK Biobank longitudinal study. <i>BMC Medicine</i> , 2019, 17, 108.	2.3	149
16	Measurement of Physical Activity in Children with Particular Reference to the Use of Heart Rate and Pedometry. <i>Sports Medicine</i> , 1997, 24, 258-272.	3.1	141
17	Saliva flow rate, total protein concentration and osmolality as potential markers of whole body hydration status during progressive acute dehydration in humans. <i>Archives of Oral Biology</i> , 2004, 49, 149-154.	0.8	139
18	The ActivityStat Hypothesis. <i>Sports Medicine</i> , 2013, 43, 135-149.	3.1	138

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19	Accelerometer counts and raw acceleration output in relation to mechanical loading. <i>Journal of Biomechanics</i> , 2012, 45, 448-454.	0.9	121
20	Accelerometer-assessed Physical Activity in Epidemiology. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 257-265.	0.2	115
21	Beyond Cut Points: Accelerometer Metrics that Capture the Physical Activity Profile. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1323-1332.	0.2	114
22	Comparison of the symptoms of exercise-induced muscle damage after an initial and repeated bout of plyometric exercise in men and boys. <i>Journal of Applied Physiology</i> , 2005, 99, 1174-1181.	1.2	105
23	The effect of type of physical activity measure on the relationship between body fatness and habitual physical activity in children: a meta-analysis. <i>Annals of Human Biology</i> , 2000, 27, 479-497.	0.4	104
24	Assessing Sedentary Behavior with the GENEActiv. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1235-1247.	0.2	100
25	Raw Accelerometer Data Analysis with GGIR R-package. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1935-1941.	0.2	97
26	Intensity Thresholds on Raw Acceleration Data: Euclidean Norm Minus One (ENMO) and Mean Amplitude Deviation (MAD) Approaches. <i>PLoS ONE</i> , 2016, 11, e0164045.	1.1	96
27	Influence of Speed and Step Frequency during Walking and Running on Motion Sensor Output. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 716-727.	0.2	95
28	Technical Variability of the RT3 Accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1773-1778.	0.2	91
29	Affect-regulated exercise intensity: Does training at an intensity that feels "good"™ improve physical health?. <i>Journal of Science and Medicine in Sport</i> , 2012, 15, 548-553.	0.6	89
30	Intermonitor Variability of the RT3 Accelerometer during Typical Physical Activities. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 324-330.	0.2	87
31	Comparability and feasibility of wrist- and hip-worn accelerometers in free-living adolescents. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 1101-1106.	0.6	86
32	Accuracy of Posture Allocation Algorithms for Thigh- and Waist-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1085-1090.	0.2	80
33	Physical activity temporal trends among children and adolescents. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 418-425.	0.6	79
34	Age- and Sex-Specific Criterion Validity of the Health Survey for England Physical Activity and Sedentary Behavior Assessment Questionnaire as Compared With Accelerometry. <i>American Journal of Epidemiology</i> , 2014, 179, 1493-1502.	1.6	75
35	Children's Physical Activity Assessed with Wrist- and Hip-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2308-2316.	0.2	74
36	Children's physical activity and psychological health: the relevance of intensity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1037-1043.	0.7	73

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37	Prediction of DXA-determined whole body fat from skinfolds: importance of including skinfolds from the thigh and calf in young, healthy men and women. <i>European Journal of Clinical Nutrition</i> , 2005, 59, 695-702.	1.3	71
38	Comparison of Accelerometer and Pedometer Measures of Physical Activity in Boys and Girls, Ages 8â€“10 Years. <i>Research Quarterly for Exercise and Sport</i> , 2005, 76, 251-257.	0.8	70
39	GRANADA consensus on analytical approaches to assess associations with accelerometer-determined physical behaviours (physical activity, sedentary behaviour and sleep) in epidemiological studies. <i>British Journal of Sports Medicine</i> , 2022, 56, 376-384.	3.1	67
40	Effect of eccentric exercise-induced muscle damage on the dynamics of muscle oxygenation and pulmonary oxygen uptake. <i>Journal of Applied Physiology</i> , 2008, 105, 1413-1421.	1.2	66
41	Validity of Heart Rate, Pedometry, and Accelerometry for Estimating the Energy Cost of Activity in Hong Kong Chinese Boys. <i>Pediatric Exercise Science</i> , 1999, 11, 229-239.	0.5	65
42	Chronic Flexibility Gains: Effect of Isometric Contraction Duration during Proprioceptive Neuromuscular Facilitation Stretching Techniques. <i>Research Quarterly for Exercise and Sport</i> , 2003, 74, 47-51.	0.8	65
43	Small Steps: Preliminary effectiveness and feasibility of an incremental goal-setting intervention to reduce sitting time in older adults. <i>Maturitas</i> , 2016, 85, 64-70.	1.0	62
44	The pattern of physical activity in relation to health outcomes in boys. <i>Pediatric Obesity</i> , 2009, 4, 306-315.	3.2	61
45	Patterning of Affective Responses During a Graded Exercise Test in Children and Adolescents. <i>Pediatric Exercise Science</i> , 2012, 24, 275-288.	0.5	59
46	Children's and adolescents' sedentary behaviour in relation to socioeconomic position. <i>Journal of Epidemiology and Community Health</i> , 2013, 67, 868-874.	2.0	59
47	Interactive effects of habitual physical activity and calcium intake on bone density in boys and girls. <i>Journal of Applied Physiology</i> , 2004, 97, 1203-1208.	1.2	56
48	Increasing children's physical activity: a peer modelling, rewards and pedometer-based intervention. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 191-198.	1.3	56
49	Moving Forward With Accelerometer-Assessed Physical Activity: Two Strategies to Ensure Meaningful, Interpretable, and Comparable Measures. <i>Pediatric Exercise Science</i> , 2018, 30, 450-456.	0.5	56
50	Comparability of Measured Acceleration from Accelerometry-Based Activity Monitors. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 201-210.	0.2	55
51	Sedentary Sphere. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 748-754.	0.2	55
52	Short-term and Long-term Feasibility, Safety, and Efficacy of High-Intensity Interval Training in Cardiac Rehabilitation. <i>JAMA Cardiology</i> , 2020, 5, 1382.	3.0	55
53	Activity Classification Using the GENE. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2228-2234.	0.2	53
54	Effect of exercise-induced muscle damage on ventilatory and perceived exertion responses to moderate and severe intensity cycle exercise. <i>European Journal of Applied Physiology</i> , 2009, 107, 11-19.	1.2	51

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55	Metabolic Effects of Breaking Prolonged Sitting With Standing or Light Walking in Older South Asians and White Europeans: A Randomized Acute Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 139-146.	1.7	51
56	Objectively-assessed and self-reported sedentary time in relation to multiple socioeconomic status indicators among adults in England: a cross-sectional study. <i>BMJ Open</i> , 2014, 4, e006034.	0.8	49
57	Comparability of accelerometer signal aggregation metrics across placements and dominant wrist cut points for the assessment of physical activity in adults. <i>Scientific Reports</i> , 2019, 9, 18235.	1.6	48
58	Effectiveness of the "Girls Active"™ school-based physical activity programme: A cluster randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 40.	2.0	47
59	Associations of Physical Behaviours and Behavioural Reallocations with Markers of Metabolic Health: A Compositional Data Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2280.	1.2	46
60	Bone vibration measurement using ultrasound: Application to detection of hip prosthesis loosening. <i>Medical Engineering and Physics</i> , 2008, 30, 278-284.	0.8	45
61	Seasonal changes in children's physical activity: An examination of group changes, intra-individual variability and consistency in activity pattern across season. <i>Annals of Human Biology</i> , 2009, 36, 363-378.	0.4	45
62	Prediction of maximal oxygen uptake from submaximal ratings of perceived exertion and heart rate during a continuous exercise test: the efficacy of RPE 13. <i>European Journal of Applied Physiology</i> , 2009, 107, 1-9.	1.2	44
63	The perceptual response to exercise of progressively increasing intensity in children aged 7-8 years: Validation of a pictorial curvilinear ratings of perceived exertion scale. <i>Psychophysiology</i> , 2009, 46, 843-851.	1.2	44
64	Obesity, walking pace and risk of severe COVID-19 and mortality: analysis of UK Biobank. <i>International Journal of Obesity</i> , 2021, 45, 1155-1159.	1.6	43
65	Psychometric Properties of the 7-Day Physical Activity Recall Questionnaire in Individuals with Severe Mental Illness. <i>Archives of Psychiatric Nursing</i> , 2007, 21, 309-316.	0.7	41
66	Patterns of multimorbidity and risk of severe SARS-CoV-2 infection: an observational study in the U.K.. <i>BMC Infectious Diseases</i> , 2021, 21, 908.	1.3	41
67	Enhancing the value of accelerometer-assessed physical activity: meaningful visual comparisons of data-driven translational accelerometer metrics. <i>Sports Medicine - Open</i> , 2019, 5, 47.	1.3	40
68	Activity Intensity, Volume, and Norms: Utility and Interpretation of Accelerometer Metrics. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2410-2422.	0.2	39
69	A small amount of precisely measured high-intensity habitual physical activity predicts bone health in pre- and post-menopausal women in UK Biobank. <i>International Journal of Epidemiology</i> , 2017, 46, 1847-1856.	0.9	37
70	Average acceleration and intensity gradient of primary school children and associations with indicators of health and well-being. <i>Journal of Sports Sciences</i> , 2019, 37, 2159-2167.	1.0	36
71	Use of Accelerometry to Classify Activity Beneficial to Bone in Premenopausal Women. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2353-2361.	0.2	34
72	Obesity, Ethnicity, and Risk of Critical Care, Mechanical Ventilation, and Mortality in Patients Admitted to Hospital with COVID-19: Analysis of the ISARIC CCP-UK Cohort. <i>Obesity</i> , 2021, 29, 1223-1230.	1.5	34

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73	Effect of stride length manipulation on symptoms of exercise-induced muscle damage and the repeated bout effect. <i>Journal of Sports Sciences</i> , 2001, 19, 333-340.	1.0	33
74	Letter to the Editor: Standardized use of the terms "sedentary" and "sedentary behaviours". <i>Mental Health and Physical Activity</i> , 2013, 6, 55-56.	0.9	33
75	A data-driven, meaningful, easy to interpret, standardised accelerometer outcome variable for global surveillance. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 1132-1138.	0.6	32
76	Wrist-worn accelerometers: recommending ~1.0 m/s ² as the minimum clinically important difference (MCID) in daily average acceleration for inactive adults. <i>British Journal of Sports Medicine</i> , 2021, 55, 814-815.	3.1	32
77	Moving Forward with Backward Compatibility. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2142-2149.	0.2	32
78	Variability of Physical Activity Patterns by Type of Day and Season in 8-10-Year-Old Boys. <i>Research Quarterly for Exercise and Sport</i> , 2006, 77, 391-395.	0.8	31
79	Association of Timing and Balance of Physical Activity and Rest/Sleep With Risk of COVID-19: A UK Biobank Study. <i>Mayo Clinic Proceedings</i> , 2021, 96, 156-164.	1.4	30
80	Physical behaviors and chronotype in people with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001375.	1.2	28
81	Providing a Basis for Harmonization of Accelerometer-Assessed Physical Activity Outcomes Across Epidemiological Datasets. <i>Journal for the Measurement of Physical Behaviour</i> , 2019, 2, 131-142.	0.5	27
82	Characteristics of the activity pattern in normal weight and overweight boys. <i>Preventive Medicine</i> , 2009, 49, 205-208.	1.6	26
83	Muscle damage alters the metabolic response to dynamic exercise in humans: a ³¹ P-MRS study. <i>Journal of Applied Physiology</i> , 2011, 111, 782-790.	1.2	26
84	Assessment of magnetic resonance techniques to measure muscle damage 24h after eccentric exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e28-39.	1.3	26
85	Evidence for Protein Leverage in Children and Adolescents with Obesity. <i>Obesity</i> , 2020, 28, 822-829.	1.5	26
86	Time Regained: When People Stop a Physical Activity Program, How Does Their Time Use Change? A Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0126665.	1.1	26
87	Breaking up sedentary time with seated upper body activity can regulate metabolic health in obese high-risk adults: A randomized crossover trial. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1732-1739.	2.2	24
88	Differences in objectively measured physical activity and sedentary behaviour between white Europeans and south Asians recruited from primary care: cross-sectional analysis of the PROPELS trial. <i>BMC Public Health</i> , 2019, 19, 95.	1.2	24
89	Children's Pedometer-determined Physical Activity During School-time and Leisure-time. <i>Journal of Exercise Science and Fitness</i> , 2009, 7, 129-134.	0.8	23
90	Leisure-time physical activity and life expectancy in people with cardiometabolic multimorbidity and depression. <i>Journal of Internal Medicine</i> , 2020, 287, 87-99.	2.7	23

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91	The prediction of maximal oxygen uptake from submaximal ratings of perceived exertion elicited during the multistage fitness test. <i>British Journal of Sports Medicine</i> , 2007, 42, 1006-1010.	3.1	22
92	Compliance of Adolescent Girls to Repeated Deployments of Wrist-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1508-1517.	0.2	22
93	Rationale and design of a cross-sectional study to investigate and describe the chronotype of patients with type 2 diabetes and the effect on glycaemic control: the CODEC study. <i>BMJ Open</i> , 2019, 9, e027773.	0.8	22
94	The impact of COVID-19 restrictions on accelerometer-assessed physical activity and sleep in individuals with type 2 diabetes. <i>Diabetic Medicine</i> , 2021, 38, e14549.	1.2	22
95	Variability of Physical Activity Patterns by Type of Day and Season in 8-10-Year-Old Boys. <i>Research Quarterly for Exercise and Sport</i> , 2006, 77, 391-395.	0.8	22
96	Can activity monitors predict outcomes in patients with heart failure? A systematic review. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019, 5, 11-21.	1.8	21
97	Methodological Approaches for Investigating the Biological Basis for Physical Activity in Children. <i>Pediatric Exercise Science</i> , 2009, 21, 273-278.	0.5	20
98	Evaluation of an 8-Week Vegan Diet on Plasma Trimethylamine-N-Oxide and Postchallenge Glucose in Adults with Dysglycemia or Obesity. <i>Journal of Nutrition</i> , 2021, 151, 1844-1853.	1.3	20
99	Ethnic minorities and COVID-19: examining whether excess risk is mediated through deprivation. <i>European Journal of Public Health</i> , 2021, 31, 630-634.	0.1	20
100	Association of working shifts, inside and outside of healthcare, with severe COVID-19: an observational study. <i>BMC Public Health</i> , 2021, 21, 773.	1.2	19
101	Obesity, chronic disease, age, and in-hospital mortality in patients with covid-19: analysis of ISARIC clinical characterisation protocol UK cohort. <i>BMC Infectious Diseases</i> , 2021, 21, 717.	1.3	19
102	Feature selection for unsupervised machine learning of accelerometer data physical activity clusters – A systematic review. <i>Gait and Posture</i> , 2021, 90, 120-128.	0.6	19
103	Testing the activitystat hypothesis: a randomised controlled trial. <i>BMC Public Health</i> , 2016, 16, 900.	1.2	18
104	Physical Activity of ICU Survivors during Acute Admission: Agreement of the activPAL with Observation. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , 2018, 70, 57-63.	0.3	18
105	Association Between Accelerometer-Assessed Physical Activity and Severity of COVID-19 in UK Biobank. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021, 5, 997-1007.	1.2	18
106	Introducing novel approaches for examining the variability of individuals' physical activity. <i>Journal of Sports Sciences</i> , 2015, 33, 457-466.	1.0	17
107	Not all sedentary behaviour is equal: Children's adiposity and sedentary behaviour volumes, patterns and types. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 506-512.	0.8	17
108	FilterK: A new outlier detection method for k-means clustering of physical activity. <i>Journal of Biomedical Informatics</i> , 2020, 104, 103397.	2.5	17

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109	Device-measured physical activity and its association with physical function in adults with type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2021, 38, e14393.	1.2	17
110	Physical Activity Intensity Cut-Points for Wrist-Worn GENEActiv in Older Adults. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 579278.	0.9	17
111	Investigation of a UK biobank cohort reveals causal associations of self-reported walking pace with telomere length. <i>Communications Biology</i> , 2022, 5, 381.	2.0	17
112	The Perceptual Response to Treadmill Exercise Using the Eston-Parfitt Scale and Marble Dropping Task, in Children Age 7 to 8 Years. <i>Pediatric Exercise Science</i> , 2011, 23, 36-48.	0.5	16
113	Eccentric exercise-induced muscle damage dissociates the lactate and gas exchange thresholds. <i>Journal of Sports Sciences</i> , 2011, 29, 181-189.	1.0	15
114	Pacing Strategies of Inexperienced Children During Repeated 800 m Individual Time-Trials and Simulated Competition. <i>Pediatric Exercise Science</i> , 2013, 25, 198-211.	0.5	15
115	Physical Inactivity and COVID-19: When Pandemics Collide. <i>Journal of Physical Activity and Health</i> , 2021, 18, 1159-1160.	1.0	15
116	Rural Environments and Community Health (REACH): a randomised controlled trial protocol for an online walking intervention in rural adults. <i>BMC Public Health</i> , 2014, 14, 969.	1.2	14
117	Associations of Physical Activity Intensities with Markers of Insulin Sensitivity. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2451-2458.	0.2	14
118	Using accelerometry to classify physical activity intensity in older adults: What is the optimal wear-site?. <i>European Journal of Sport Science</i> , 2020, 20, 1131-1139.	1.4	14
119	Physical Activity for Bone Health: How Much and/or How Hard?. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2331-2341.	0.2	14
120	A school-based intervention (Girls Active™) to increase physical activity levels among 11- to 14-year-old girls: cluster RCT. <i>Public Health Research</i> , 2019, 7, 1-162.	0.5	14
121	Association between household size and COVID-19: A UK Biobank observational study. <i>Journal of the Royal Society of Medicine</i> , 2022, 115, 138-144.	1.1	14
122	Nephrotic syndrome associated with N-hydroxyureas, inhibitors of 5-lipoxygenase. <i>Archives of Toxicology</i> , 1995, 69, 480-490.	1.9	13
123	Wrist-worn Accelerometry for Runners: Objective Quantification of Training Load. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2277-2284.	0.2	13
124	The sedentary behaviour and physical activity patterns of survivors of a critical illness over their acute hospitalisation: An observational study. <i>Australian Critical Care</i> , 2020, 33, 272-280.	0.6	13
125	Equivalency of Sleep Estimates: Comparison of Three Research-Grade Accelerometers. <i>Journal for the Measurement of Physical Behaviour</i> , 2020, 3, 294-303.	0.5	13
126	Associations of physical activity and sedentary behaviour with metabolic syndrome in rural Australian adults. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1232-1237.	0.6	12

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127	Promoting physical activity in rural Australian adults using an online intervention. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 70-75.	0.6	12
128	Effect of High-Intensity Interval Training on Visceral and Liver Fat in Cardiac Rehabilitation: A Randomized Controlled Trial. <i>Obesity</i> , 2020, 28, 1245-1253.	1.5	12
129	Physical Activity and Sedentary Behaviors Levels of Kuwaiti Adolescents: The Study of Health and Activity Among Adolescents in Kuwait. <i>Journal of Physical Activity and Health</i> , 2018, 15, 255-262.	1.0	11
130	Comparability of children's sedentary time estimates derived from wrist worn GENEActiv and hip worn ActiGraph accelerometer thresholds. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1045-1049.	0.6	11
131	Expert's Choice: 2018's Most Exciting Research in the Field of Pediatric Exercise Science. <i>Pediatric Exercise Science</i> , 2019, 31, 1-27.	0.5	11
132	Comparison of sedentary behaviours among rural men working in offices and on farms. <i>Australian Journal of Rural Health</i> , 2015, 23, 74-79.	0.7	10
133	Physical Activity, Inactivity, and Health During Youth. <i>Pediatric Exercise Science</i> , 2016, 28, 19-22.	0.5	10
134	Factors associated with in-school physical activity among urban children with asthma. <i>Journal of Asthma</i> , 2018, 55, 492-501.	0.9	10
135	Framework to aid analysis and interpretation of ongoing COVID-19 research. <i>Wellcome Open Research</i> , 0, 5, 208.	0.9	10
136	Physical Activity Levels of Hong Kong Chinese Children: Relationship with Body Fat. <i>Pediatric Exercise Science</i> , 2002, 14, 286-296.	0.5	9
137	Reply to Mekary, R.A.; Ding, E.L. Isotemporal Substitution as the Gold Standard Model for Physical Activity Epidemiology: Why It Is the Most Appropriate for Activity Time Research. <i>Int. J. Environ. Res. Public Health</i> 2019, 16, 797. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2885.	1.2	9
138	Towards a Portable Model to Discriminate Activity Clusters from Accelerometer Data. <i>Sensors</i> , 2019, 19, 4504.	2.1	8
139	Physical Activity Trends in Separate Contexts Among South Australian Older Children (10-12ÅY) and Early Adolescents (13-15ÅY) From 1985 to 2013. <i>Pediatric Exercise Science</i> , 2019, 31, 341-347.	0.5	8
140	High intensity interval training does not result in short- or long-term dietary compensation in cardiac rehabilitation: Results from the FITR heart study. <i>Appetite</i> , 2021, 158, 105021.	1.8	8
141	Comparing 24 h physical activity profiles: Office workers, women with a history of gestational diabetes and people with chronic disease condition(s). <i>Journal of Sports Sciences</i> , 2021, 39, 219-226.	1.0	8
142	Comparability of Postural and Physical Activity Metrics from Different Accelerometer Brands Worn on the Thigh: Data Harmonization Possibilities. <i>Measurement in Physical Education and Exercise Science</i> , 2022, 26, 39-50.	1.3	8
143	Modelling the Reallocation of Time Spent Sitting into Physical Activity: Isotemporal Substitution vs. Compositional Isotemporal Substitution. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6210.	1.2	8
144	A comparison of analytical approaches to investigate associations for accelerometry-derived physical activity spectra with health and developmental outcomes in children. <i>Journal of Sports Sciences</i> , 2021, 39, 430-438.	1.0	7

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145	Stages in the development of a research project: putting the idea together. <i>British Journal of Sports Medicine</i> , 2000, 34, 59-64.	3.1	7
146	Cutâ€pointâ€free accelerometer metrics to assess childrenâ€™s physical activity: An example using the school day. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 117-125.	1.3	6
147	Improvements in Glycemic Control After Acute Moderate-Intensity Continuous or High-Intensity Interval Exercise Are Greater in South Asians Than White Europeans With Nondiabetic Hyperglycemia: A Randomized Crossover Study. <i>Diabetes Care</i> , 2021, 44, 201-209.	4.3	6
148	Sleep duration and sleep efficiency in UK long-distance heavy goods vehicle drivers. <i>Occupational and Environmental Medicine</i> , 2022, 79, 109-115.	1.3	6
149	Steps per Day Measured by Consumer Activity Trackers Worn at the Non-Dominant and Dominant Wrist Relative to a Waist-Worn Pedometer. <i>Journal for the Measurement of Physical Behaviour</i> , 2018, 1, 2-8.	0.5	6
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