

Alex Rowlands

List of Publications by Citations

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

173
papers

6,811
citations

47
h-index

78
g-index

189
ext. papers

8,125
ext. citations

3.4
avg, IF

6.28
L-index

#	Paper	IF	Citations
173	Validity of heart rate, pedometry, and accelerometry for predicting the energy cost of children's activities. <i>Journal of Applied Physiology</i> , 1998 , 84, 362-71	3.7	441
172	Validation of the GENEA Accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1085-93	1.2	364
171	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	8.4	334
170	Accelerometer assessment of physical activity in children: an update. <i>Pediatric Exercise Science</i> , 2007 , 19, 252-66	2	229
169	Validation of the RT3 triaxial accelerometer for the assessment of physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 518-24	1.2	225
168	Relationship between activity levels, aerobic fitness, and body fat in 8- to 10-yr-old children. <i>Journal of Applied Physiology</i> , 1999 , 86, 1428-35	3.7	204
167	Calibration of the GENEA accelerometer for assessment of physical activity intensity in children. <i>Journal of Science and Medicine in Sport</i> , 2013 , 16, 124-8	4.4	181
166	Calibration and validation of wearable monitors. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, S32-8	1.2	179
165	Utilization and Harmonization of Adult Accelerometry Data: Review and Expert Consensus. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2129-39	1.2	169
164	Wear Compliance and Activity in Children Wearing Wrist- and Hip-Mounted Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 245-53	1.2	164
163	Physical activity classification using the GENEA wrist-worn accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 742-8	1.2	154
162	Patterns of habitual activity across weekdays and weekend days in 9-11-year-old children. <i>Preventive Medicine</i> , 2008 , 46, 317-24	4.3	147
161	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	2.3	134
160	Validation of the GT3X ActiGraph in children and comparison with the GT1M ActiGraph. <i>Journal of Science and Medicine in Sport</i> , 2013 , 16, 40-4	4.4	127
159	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, 149-54	2.8	119
158	The ActivityStat hypothesis: the concept, the evidence and the methodologies. <i>Sports Medicine</i> , 2013 , 43, 135-49	10.6	111
157	Measurement of physical activity in children with particular reference to the use of heart rate and pedometry. <i>Sports Medicine</i> , 1997 , 24, 258-72	10.6	107

156	Accelerometer counts and raw acceleration output in relation to mechanical loading. <i>Journal of Biomechanics</i> , 2012 , 45, 448-54	2.9	103
155	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, 1174-81	3.7	87
154	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, 479-97	1.7	87
153	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, 716-27	1.2	84
152	Assessing sedentary behavior with the GENEActiv: introducing the sedentary sphere. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1235-47	1.2	82
151	Technical variability of the RT3 accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1773-8	3.8	80
150	Accelerometer-assessed Physical Activity in Epidemiology: Are Monitors Equivalent?. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 257-265	1.2	76
149	Raw Accelerometer Data Analysis with GGIR R-package: Does Accelerometer Brand Matter?. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1935-41	1.2	75
148	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, 548-53	4.4	72
147	Intermonitor variability of the RT3 accelerometer during typical physical activities. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 324-30	1.2	70
146	Physical activity temporal trends among children and adolescents. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 418-25	4.4	66
145	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, 1493-502	3.8	63
144	Children's physical activity assessed with wrist- and hip-worn accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 2308-16	1.2	61
143	Beyond Cut Points: Accelerometer Metrics that Capture the Physical Activity Profile. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1323-1332	1.2	57
142	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, 1413-21	3.7	57
141	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	2	57
140	Physical activity, multimorbidity, and life expectancy: a UK Biobank longitudinal study. <i>BMC Medicine</i> , 2019 , 17, 108	11.4	56
139	Intensity Thresholds on Raw Acceleration Data: Euclidean Norm Minus One (ENMO) and Mean Amplitude Deviation (MAD) Approaches. <i>PLoS ONE</i> , 2016 , 11, e0164045	3.7	55

138	Children's physical activity and psychological health: the relevance of intensity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009 , 98, 1037-43	3.1	54
137	Accuracy of Posture Allocation Algorithms for Thigh- and Waist-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1085-90	1.2	54
136	Patterning of affective responses during a graded exercise test in children and adolescents. <i>Pediatric Exercise Science</i> , 2012 , 24, 275-88	2	53
135	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	5.2	52
134	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	5	52
133	The pattern of physical activity in relation to health outcomes in boys. <i>Pediatric Obesity</i> , 2009 , 4, 306-15		51
132	Comparison of accelerometer and pedometer measures of physical activity in boys and girls, ages 8-10 years. <i>Research Quarterly for Exercise and Sport</i> , 2005 , 76, 251-7	1.9	51
131	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	4.4	50
130	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	1.9	50
129	Comparability of measured acceleration from accelerometry-based activity monitors. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 201-10	1.2	47
128	Increasing children's physical activity: a peer modelling, rewards and pedometer-based intervention. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 191-8	5.2	47
127	Interactive effects of habitual physical activity and calcium intake on bone density in boys and girls. <i>Journal of Applied Physiology</i> , 2004 , 97, 1203-8	3.7	47
126	Children's and adolescents' sedentary behaviour in relation to socioeconomic position. <i>Journal of Epidemiology and Community Health</i> , 2013 , 67, 868-74	5.1	46
125	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, 11-9	3.4	43
124	Wrist-Worn Accelerometer-Brand Independent Posture Classification. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 748-54	1.2	42
123	Activity classification using the GENE: optimum sampling frequency and number of axes. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2228-34	1.2	40
122	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	3	39
121	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	3.4	39

120	Bone vibration measurement using ultrasound: application to detection of hip prosthesis loosening. <i>Medical Engineering and Physics</i> , 2008 , 30, 278-84	2.4	38
119	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, 363-78	1.7	37
118	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	2	37
117	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, 843-54	4.1	34
116	Psychometric properties of the 7-Day Physical Activity Recall questionnaire in individuals with severe mental illness. <i>Archives of Psychiatric Nursing</i> , 2007 , 21, 309-16	2.1	34
115	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	8.4	29
114	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	7.8	28
113	Use of accelerometry to classify activity beneficial to bone in premenopausal women. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 2353-61	1.2	28
112	Moving Forward with Backward Compatibility: Translating Wrist Accelerometer Data. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2142-2149	1.2	28
111	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	6.4	28
110	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,	4.6	28
109	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, 333-40	3.6	27
108	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, 391-5	1.9	26
107	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	4.9	25
106	Muscle damage alters the metabolic response to dynamic exercise in humans: a 31P-MRS study. <i>Journal of Applied Physiology</i> , 2011 , 111, 782-90	3.7	24
105	Characteristics of the activity pattern in normal weight and overweight boys. <i>Preventive Medicine</i> , 2009 , 49, 205-8	4.3	24
104	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	5.5	24
103	Letter to the Editor: Standardized use of the terms 'Sedentary' and 'Sedentary behaviours' <i>Mental Health and Physical Activity</i> , 2013 , 6, 55-56	5	23

102	Assessment of magnetic resonance techniques to measure muscle damage 24 h after eccentric exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e28-39	4.6	22
101	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	1.9	21
100	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	4.4	20
99	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	6.1	20
98	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	3.7	20
97	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	3.6	19
96	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> , 2008 , 42, 1006-10	10.3	19
95	Activity Intensity, Volume, and Norms: Utility and Interpretation of Accelerometer Metrics. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2410-2422	1.2	19
94	Methodological approaches for investigating the biological basis for physical activity in children. <i>Pediatric Exercise Science</i> , 2009 , 21, 273-8	2	18
93	Short-term and Long-term Feasibility, Safety, and Efficacy of High-Intensity Interval Training in Cardiac Rehabilitation: The FITR Heart Study Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2020 , 5, 1382-1389	16.2	18
92	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	6.7	17
91	Children's Pedometer-determined Physical Activity During School-time and Leisure-time. <i>Journal of Exercise Science and Fitness</i> , 2009 , 7, 129-134	3.1	16
90	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	2.3	16
89	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	4.1	15
88	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> , 2021 ,	10.3	15
87	Testing the activitystat hypothesis: a randomised controlled trial. <i>BMC Public Health</i> , 2016 , 16, 900	4.1	15
86	Compliance of Adolescent Girls to Repeated Deployments of Wrist-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1508-1517	1.2	15
85	Pacing strategies of inexperienced children during repeated 800 m individual time-trials and simulated competition. <i>Pediatric Exercise Science</i> , 2013 , 25, 198-211	2	14

84	Eccentric exercise-induced muscle damage dissociates the lactate and gas exchange thresholds. <i>Journal of Sports Sciences</i> , 2011 , 29, 181-9	3.6	14
83	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	6.4	14
82	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 ⁸	8	13
81	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	4.6	13
80	Introducing novel approaches for examining the variability of individuals' physical activity. <i>Journal of Sports Sciences</i> , 2015 , 33, 457-66	3.6	12
79	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	2	12
78	Nephrotic syndrome associated with N-hydroxyureas, inhibitors of 5-lipoxygenase. <i>Archives of Toxicology</i> , 1995 , 69, 480-90	5.8	12
77	Physical Activity of ICU Survivors during Acute Admission: Agreement of the activPAL with Observation. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2018 , 70, 57-63	0.8	11
76	Promoting physical activity in rural Australian adults using an online intervention. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 70-75	4.4	10
75	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	4.1	10
74	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	3.9	10
73	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	3	10
72	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	5.4	10
71	Comparison of sedentary behaviours among rural men working in offices and on farms. <i>Australian Journal of Rural Health</i> , 2015 , 23, 74-9	1.3	9
70	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	4.4	9
69	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	1.7	9
68	Wrist-worn accelerometers: recommending ~1.0 m as the minimum clinically important difference (MCID) in daily average acceleration for inactive adults. <i>British Journal of Sports Medicine</i> , 2021 , 55, 814-815 ¹⁰³	10.3	9
67	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	3.5	9

66	Ethnic minorities and COVID-19: examining whether excess risk is mediated through deprivation. <i>European Journal of Public Health</i> , 2021 , 31, 630-634	2.1	9
65	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	4.4	9
64	FilterK: A new outlier detection method for k-means clustering of physical activity. <i>Journal of Biomedical Informatics</i> , 2020 , 104, 103397	10.2	8
63	Physical Activity Levels of Hong Kong Chinese Children: Relationship with Body Fat. <i>Pediatric Exercise Science</i> , 2002 , 14, 286-296	2	8
62	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	2.9	8
61	Expert's Choice: 2018's Most Exciting Research in the Field of Pediatric Exercise Science. <i>Pediatric Exercise Science</i> , 2019 , 31, 1-27	2	7
60	Evidence for Protein Leverage in Children and Adolescents with Obesity. <i>Obesity</i> , 2020 , 28, 822-829	8	7
59	Factors associated with in-school physical activity among urban children with asthma. <i>Journal of Asthma</i> , 2018 , 55, 492-501	1.9	7
58	Associations of Physical Activity Intensities with Markers of Insulin Sensitivity. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2451-2458	1.2	7
57	Framework to aid analysis and interpretation of ongoing COVID-19 research. <i>Wellcome Open Research</i> , 5 , 208	4.8	7
56	Association of working shifts, inside and outside of healthcare, with severe COVID-19: an observational study. <i>BMC Public Health</i> , 2021 , 21, 773	4.1	7
55	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	8	6
54	Leisure-time physical activity and life expectancy in people with cardiometabolic multimorbidity and depression. <i>Journal of Internal Medicine</i> , 2020 , 287, 87-99	10.8	6
53	Physical Inactivity and COVID-19: When Pandemics Collide. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 1159-1160	2.5	6
52	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	4	6
51	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	2.5	5
50	Physical Activity, Inactivity, and Health During Youth. <i>Pediatric Exercise Science</i> , 2016 , 28, 19-22	2	5
49	Stages in the development of a research project: putting the idea together. <i>British Journal of Sports Medicine</i> , 2000 , 34, 59-64	10.3	5

48	Cut-point-free accelerometer metrics to assess children's physical activity: An example using the school day. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 117-125	4.6	5
47	Physical behaviors and chronotype in people with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	5
46	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	4.1	5
45	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> , 1-12	1.9	5
44	Physical Activity Trends in Separate Contexts Among South Australian Older Children (10-12Y) and Early Adolescents (13-15Y) From 1985 to 2013. <i>Pediatric Exercise Science</i> , 2019 , 31, 341-347	2	5
43	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	3.6	5
42	Wrist-worn Accelerometry for Runners: Objective Quantification of Training Load. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2277-2284	1.2	5
41	Validating the Sedentary Sphere method in children: Does wrist or accelerometer brand matter?. <i>Journal of Sports Sciences</i> , 2019 , 37, 1910-1918	3.6	4
40	Converting between estimates of moderate-to-vigorous physical activity derived from raw accelerations measured at the wrist and from ActiGraph counts measured at the hip: the Rosetta Stone. <i>Journal of Sports Sciences</i> , 2018 , 36, 2603-2607	3.6	4
39	Towards a Portable Model to Discriminate Activity Clusters from Accelerometer Data. <i>Sensors</i> , 2019 , 19,	3.8	4
38	Physical Activity for Bone Health: How Much and/or How Hard?. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2331-2341	1.2	4
37	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	3.1	4
36	Associations between objectively assessed and questionnaire-based sedentary behaviour with body mass index and systolic blood pressure in Kuwaiti adolescents. <i>BMC Research Notes</i> , 2019 , 12, 588	2.3	3
35	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, 797	4.6	3
34	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	2.3	3
33	Equivalency of Sleep Estimates: Comparison of Three Research-Grade Accelerometers. <i>Journal for the Measurement of Physical Behaviour</i> , 2020 , 3, 294-303	2.3	3
32	Validity of self-reported sedentary time differs between Australian rural men engaged in office and farming occupations. <i>Journal of Sports Sciences</i> , 2016 , 34, 1154-8	3.6	3
31	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	4.5	3

30	Device-measured physical activity and its association with physical function in adults with type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2021 , 38, e14393	3.5	3
29	Physical Activity Intensity Cut-Points for Wrist-Worn GENEActiv in Older Adults. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 579278	2.3	3
28	Accelerometer wear-site detection: When one site does not suit all, all of the time. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20, 368-372	4.4	2
27	The backwards comparability of wrist worn GENEActiv and waist worn ActiGraph accelerometer estimates of sedentary time in children. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 814-820	4.4	2
26	Physical Activity, Inactivity, and Health During Youth-The Year That Was 2017. <i>Pediatric Exercise Science</i> , 2018 , 30, 54-57	2	2
25	Cadence, peak vertical acceleration, and peak loading rate during ambulatory activities: implications for activity prescription for bone health. <i>Journal of Physical Activity and Health</i> , 2014 , 11, 1291-4	2.5	2
24	Physical activity, inactivity, and health. <i>Pediatric Exercise Science</i> , 2015 , 27, 21-5	2	2
23	Prolonged unilateral disuse osteopenia 14 years post external fixator removal: a case history and critical review. <i>Case Reports in Medicine</i> , 2010 , 2010, 629020	0.7	2
22	Collecting a comprehensive evidence base to monitor fracture rehabilitation: A case study. <i>World Journal of Orthopedics</i> , 2013 , 4, 259-66	2.2	2
21	Patterns of Multimorbidity and Risk of Severe SARS-CoV-2 Infection: an observational study in the U.K		2
20	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	4	2
19	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	14.6	2
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