Sjaan R Gomersall

List of Publications by Citations

63 papers	1,284 citations	20 h-index	34 g-index
68 ext. papers	1,670 ext. citations	4.1 avg, IF	4.66 L-index

#	Paper	IF	Citations
63	Accuracy of Heart Rate Watches: Implications for Weight Management. *PLoS ONE*, **2016**, 11, e0154420	3.7	193
62	The ActivityStat hypothesis: the concept, the evidence and the methodologies. *Sports Medicine*, **2013**, 43, 135-49	10.6	111
61	Field evaluation of a random forest activity classifier for wrist-worn accelerometer data. *Journal of Science and Medicine in Sport*, **2017**, 20, 75-80	4.4	82
60	Assessing sedentary behavior with the GENEActiv: introducing the sedentary sphere. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1235-47	1.2	82
59	Estimating Physical Activity and Sedentary Behavior in a Free-Living Context: A Pragmatic Comparison of Consumer-Based Activity Trackers and ActiGraph Accelerometry. *Journal of Medical Internet Research*, **2016**, 18, e239	7.6	58
58	Development and evaluation of an adult use-of-time instrument with an energy expenditure focus. *Journal of Science and Medicine in Sport*, **2011**, 14, 143-8	4.4	55
57	Effect of High-Intensity Interval Training on Fitness, Fat Mass and Cardiometabolic Biomarkers in Children with Obesity: A Randomised Controlled Trial. *Sports Medicine*, **2018**, 48, 733-746	10.6	52
56	The validity of the GENEActiv wrist-worn accelerometer for measuring adult sedentary time in free living. *Journal of Science and Medicine in Sport*, **2016**, 19, 395-9	4.4	48
55	Low-Volume High-Intensity Interval Training Is Sufficient to Ameliorate the Severity of Metabolic Syndrome. *Metabolic Syndrome and Related Disorders*, **2017**, 15, 319-328	2.6	33
54	Maintaining a Healthy BMI: Data From a 16-Year Study of Young Australian Women. *American Journal of Preventive Medicine*, **2016**, 51, e165-e178	6.1	29
53	Chronic disease risks and use of a smartphone application during a physical activity and dietary intervention in Australian truck drivers. *Australian and New Zealand Journal of Public Health*, **2016**, 40, 91-3	2.3	29
52	Weight Gain, Overweight, and Obesity: Determinants and Health Outcomes from the Australian Longitudinal Study on Women's Health. *Current Obesity Reports*, **2014**, 3, 46-53	8.4	28
51	Results from Australia's 2014 Report Card on Physical Activity for Children and Youth. *Journal of Physical Activity and Health*, **2014**, 11 Suppl 1, S21-5	2.5	27
50	Past-day recall of sedentary time: Validity of a self-reported measure of sedentary time in a university population. *Journal of Science and Medicine in Sport*, **2016**, 19, 237-241	4.4	23
49	Results from Australia's 2018 Report Card on Physical Activity for Children and Youth. *Journal of Physical Activity and Health*, **2018**, 15, S315-S317	2.5	23
48	The impact of an m-Health financial incentives program on the physical activity and diet of Australian truck drivers. *BMC Public Health*, **2017**, 17, 467	4.1	21
47	Eight Investments That Work for Physical Activity. *Journal of Physical Activity and Health*, **2021**, 18, 625-630	2.5	21

46	In search of lost time: When people undertake a new exercise program, where does the time come from? A randomized controlled trial. *Journal of Science and Medicine in Sport*, **2015**, 18, 43-8	4.4	20
45	Results From Australia's 2016 Report Card on Physical Activity for Children and Youth. *Journal of Physical Activity and Health*, **2016**, 13, S87-S94	2.5	20
44	Time regained: when people stop a physical activity program, how does their time use change? A randomised controlled trial. *PLoS ONE*, **2015**, 10, e0126665	3.7	20
43	A source of systematic bias in self-reported physical activity: The cutpoint bias hypothesis. *Journal of Science and Medicine in Sport*, **2019**, 22, 924-928	4.4	19
42	The elasticity of time: associations between physical activity and use of time in adolescents. *Health Education and Behavior*, **2012**, 39, 732-6	4.2	19
41	Nine year changes in sitting time in young and mid-aged Australian women: findings from the Australian Longitudinal Study for Women's Health. *Preventive Medicine*, **2014**, 64, 1-7	4.3	18
40	Validity of a Self-Report Recall Tool for Estimating Sedentary Behavior in Adults. *Journal of Physical Activity and Health*, **2015**, 12, 1485-91	2.5	18
39	Short-term and Long-term Feasibility, Safety, and Efficacy of High-Intensity Interval Training in Cardiac Rehabilitation: The FITR Heart Study Randomized Clinical Trial. *JAMA Cardiology*, **2020**, 5, 1382-1389	16.2	18
38	Effects of exercise training on physical and psychosocial health in children with chronic respiratory disease: a systematic review and meta-analysis. *BMJ Open Sport and Exercise Medicine*, **2018**, 4, e000409	3.4	18
37	Effects of exercise intensity and nutrition advice on myocardial function in obese children and adolescents: a multicentre randomised controlled trial study protocol. *BMJ Open*, **2016**, 6, e010929	3	16
36	Testing the activitystat hypothesis: a randomised controlled trial. *BMC Public Health*, **2016**, 16, 900	4.1	15
35	12 min/week of high-intensity interval training reduces aortic reservoir pressure in individuals with metabolic syndrome: a randomized trial. *Journal of Hypertension*, **2016**, 34, 1977-87	1.9	15
34	Australia and Other Nations Are Failing to Meet Sedentary Behaviour Guidelines for Children: Implications and a Way Forward. *Journal of Physical Activity and Health*, **2016**, 13, 177-88	2.5	13
33	Introducing novel approaches for examining the variability of individuals' physical activity. *Journal of Sports Sciences*, **2015**, 33, 457-66	3.6	12
32	NAFLD in clinical practice: Can simple blood and anthropometric markers be used to detect change in liver fat measured by H-MRS?. *Liver International*, **2017**, 37, 1907-1915	7.9	11
31	Use of previous-day recalls of physical activity and sedentary behavior in epidemiologic studies: results from four instruments. *BMC Public Health*, **2019**, 19, 478	4.1	10
30	Ten Research Priorities Related to Youth Sport, Physical Activity, and Health. *Journal of Physical Activity and Health*, **2020**, 17, 920-929	2.5	10
29	Study protocol for the FITR Heart Study: Feasibility, safety, adherence, and efficacy of high intensity interval training in a hospital-initiated rehabilitation program for coronary heart disease. *Contemporary Clinical Trials Communications*, **2017**, 8, 181-191	1.8	9

28	Feasibility, acceptability and efficacy of a text message-enhanced clinical exercise rehabilitation intervention for increasing 'whole-of-day' activity in people living with and beyond cancer. *BMC Public Health*, **2019**, 19, 542	4.1	9
27	The feasibility and acceptability of morning versus evening exercise for overweight and obese adults: A randomized controlled trial. *Contemporary Clinical Trials Communications*, **2019**, 14, 100320	1.8	9
26	Peer support for the maintenance of physical activity and health in cancer survivors: the PEER trial - a study protocol of a randomised controlled trial. *BMC Cancer*, **2019**, 19, 656	4.8	7
25	Long-term Effects of Physical Activity Level on Changes in Healthy Body Mass Index Over 12 Years in Young Adult Women. *Mayo Clinic Proceedings*, **2016**, 91, 735-44	6.4	7
24	Objectively measured physical activity and sedentary behaviour in children with bronchiectasis: a cross-sectional study. *BMC Pulmonary Medicine*, **2019**, 19, 7	3.5	7
23	A hard day's night: time use in shift workers. *BMC Public Health*, **2019**, 19, 452	4.1	6
22	Effect of High-Intensity Interval Training on Visceral and Liver Fat in Cardiac Rehabilitation: A Randomized Controlled Trial. *Obesity*, **2020**, 28, 1245-1253	8	6
21	Social inequalities in health-related use of time in Australian adolescents. *Australian and New Zealand Journal of Public Health*, **2012**, 36, 378-384	2.3	5
20	Testing the activitystat hypothesis: a randomised controlled trial protocol. *BMC Public Health*, **2012**, 12, 851	4.1	4
19	Sedentary Behavior in Children With Cerebral Palsy Between 1.5 and 12 Years: A Longitudinal Study. *Pediatric Physical Therapy*, **2020**, 32, 367-373	0.9	3
18	Reliability of a multi-domain sedentary behaviour questionnaire and comparability to an overall sitting time estimate. *Journal of Sports Sciences*, **2020**, 38, 351-356	3.6	3
17	High intensity interval training does not result in short- or long-term dietary compensation in cardiac rehabilitation: Results from the FITR heart study. *Appetite*, **2021**, 158, 105021	4.5	3
16	Experiences of people with cancer who have participated in a hospital-based exercise program: a qualitative study. *Supportive Care in Cancer*, **2021**, 29, 1575-1583	3.9	3
15	Combined group and home exercise programmes in community-dwelling falls-risk older adults: Systematic review and meta-analysis. *Physiotherapy Research International*, **2020**, 25, e1839	1.8	2
14	Physiotherapists' experiences and views of older peoples' exercise adherence with respect to falls prevention in Singapore: a qualitative study. *Disability and Rehabilitation*, **2021**, 1-9	2.4	2
13	Effectiveness of interventions to maintain physical activity behavior (device-measured): Systematic review and meta-analysis of randomized controlled trials. *Obesity Reviews*, **2021**, 22, e13304	10.6	2
12	Fundamental movement skill proficiency and objectively measured physical activity in children with bronchiectasis: a cross-sectional study. *BMC Pulmonary Medicine*, **2021**, 21, 269	3.5	2
11	Physical activity, sedentary behavior and educational outcomes in university students: A systematic review. *Journal of American College Health*, **2021**, 1-26	2.2	2

List of Publications

10	The evolution of time use approaches for understanding activities of daily living in a public health context. *BMC Public Health*, **2019**, 19, 451	4.1	1
9	School physical activity policies and associations with physical activity practices and behaviours: A systematic review of the literature. *Health and Place*, **2021**, 73, 102705	4.6	1
8	Validity of the Apple Watch for monitoring push counts in people using manual wheelchairs. *Journal of Spinal Cord Medicine*, **2021**, 44, 212-220	1.9	1
7	Does the Time-of-Day of Exercise Influence the Total Volume of Exercise? A Cross-Sectional Analysis of Objectively Monitored Physical Activity Among Active Individuals. *Journal of Physical Activity and Health*, **2021**, 18, 1029-1036	2.5	1
6	Physical Activity, Sedentary Behavior, and Educational Outcomes Among Australian University Students: Cross-Sectional and Longitudinal Associations.. *Journal of Physical Activity and Health*, **2022**, 1-12	2.5	1
5	Validity of Two Wheelchair-Mounted Devices for Estimating Wheelchair Speed and Distance Traveled. *Adapted Physical Activity Quarterly*, **2021**, 38, 435-451	1.7	0
4	Behaviour Change Techniques in Computerized Cognitive Training for Cognitively Healthy Older Adults: A Systematic Review.. *Neuropsychology Review*, **2022**, 1	7.7	0
3	Effects of fitness and fatness on age-related arterial stiffening in people with type 2 diabetes.. *Clinical Obesity*, **2022**, e12519	3.6	0
2	Physiotherapy student clinical placements in Australian private practice: Patient-reported outcomes with supervised student care. *Physiotherapy Research International*, **2021**, e1929	1.8	
1	Barriers to and Facilitators of Adherence to Prescribed Home Exercise in Older Adults at Risk of Falling in Singapore: A Qualitative Study. *Journal of Aging and Physical Activity*, **2022**, 1-11	1.6	