Aiden Doherty

List of Publications by Year in Descending Order

60 papers	2,744 citations	26 h-index	52 g-index
68 ext. papers	3,646 ext. citations	5.6 avg, IF	5.12 L-index

#	Paper	IF	Citations
60	Effect of moderate to high intensity aerobic exercise on blood pressure in young adults: The TEPHRA open, two-arm, parallel superiority randomized clinical trial. *EClinicalMedicine*, **2022**, 48, 101445	11.3	0
59	A cross-sectional study exploring levels of physical activity and motivators and barriers towards physical activity in haemodialysis patients to inform intervention development. *Disability and Rehabilitation*, **2021**, 43, 1675-1681	2.4	1
58	Association of genetic liability for psychiatric disorders with accelerometer-assessed physical activity in the UK Biobank. *PLoS ONE*, **2021**, 16, e0249189	3.7	4
57	Validation of Wearable Camera Still Images to Assess Posture in Free-Living Conditions. *Journal for the Measurement of Physical Behaviour*, **2021**, 4, 47-52	2.3	1
56	Accelerometer-measured physical activity and functional behaviours among people on dialysis. *CKJ: Clinical Kidney Journal*, **2021**, 14, 950-958	4.5	1
55	Impact of Reduced Sampling Rate on Accelerometer-Based Physical Activity Monitoring and Machine Learning Activity Classification. *Journal for the Measurement of Physical Behaviour*, **2021**, 1-13	2.3	1
54	Physical activity in relation to circulating hormone concentrations in 117,100 men in UK Biobank. *Cancer Causes and Control*, **2021**, 32, 1197-1212	2.8	0
53	Reallocation of time between device-measured movement behaviours and risk of incident cardiovascular disease. *British Journal of Sports Medicine*, **2021**,	10.3	5
52	Accelerometer measured physical activity and the incidence of cardiovascular disease: Evidence from the UK Biobank cohort study. *PLoS Medicine*, **2021**, 18, e1003487	11.6	17
51	The effects of an aerobic training intervention on cognition, grey matter volumes and white matter microstructure. *Physiology and Behavior*, **2020**, 223, 112923	3.5	5
50	Self-reported and objectively measured physical activity in people with and without chronic heart failure: UK Biobank analysis. *Open Heart*, **2020**, 7, e001099	3	9
49	Sedentary Behavior and Chronic Disease: Mechanisms and Future Directions. *Journal of Physical Activity and Health*, **2020**, 17, 52-61	2.5	32
48	Testing Self-Report Time-Use Diaries against Objective Instruments in Real Time. *Sociological Methodology*, **2020**, 50, 318-349	2.6	12
47	Sedentary Behavior in Children by Wearable Cameras: Development of an Annotation Protocol. *American Journal of Preventive Medicine*, **2020**, 59, 880-886	6.1	2
46	Physical activity of UK adults with chronic disease: cross-sectional analysis of accelerometer-measured physical activity in 96 706 UK Biobank participants. *International Journal of Epidemiology*, **2019**, 48, 1167-1174	7.8	27
45	A validation study of the Eurostat harmonised European time use study (HETUS) diary using wearable technology. *BMC Public Health*, **2019**, 19, 455	4.1	15
44	Response to: One size does not fit all-application of accelerometer thresholds in chronic disease. *International Journal of Epidemiology*, **2019**, 48, 1381	7.8	4

43	A Pilot Randomized Controlled Trial of a Digital Intervention Aimed at Improving Food Purchasing Behavior: The Front-of-Pack Food Labels Impact on Consumer Choice Study. *JMIR Formative Research*, **2019**, 3, e9910	2.5	3
42	Advancing the Use of Mobile Technologies in Clinical Trials: Recommendations from the Clinical Trials Transformation Initiative. *Digital Biomarkers*, **2019**, 3, 145-154	7.1	20
41	Genome-Wide Association Study of Circadian Rhythmicity in 71,500 UK Biobank Participants and Polygenic Association with Mood Instability. *EBioMedicine*, **2018**, 35, 279-287	8.8	30
40	Association of Cardiovascular Risk Factors With MRI Indices of Cerebrovascular Structure and Function and White Matter Hyperintensities in Young Adults. *JAMA - Journal of the American Medical Association*, **2018**, 320, 665-673	27.4	66
39	GWAS identifies 14 loci for device-measured physical activity and sleep duration. *Nature Communications*, **2018**, 9, 5257	17.4	123
38	Statistical machine learning of sleep and physical activity phenotypes from sensor data in 96,220 UK Biobank participants. *Scientific Reports*, **2018**, 8, 7961	4.9	79
37	Circadian rhythms and mental health: wearable sensing at scale. *Lancet Psychiatry,the*, **2018**, 5, 457-458	23.3	3
36	Wearable camera-derived microenvironments in relation to personal exposure to PM. *Environment International*, **2018**, 117, 300-307	12.9	13
35	Large Scale Population Assessment of Physical Activity Using Wrist Worn Accelerometers: The UK Biobank Study. *PLoS ONE*, **2017**, 12, e0169649	3.7	402
34	Accuracy Of Behavioral Assessment With A Wearable Camera in Semi-structured And Free Living Conditions In Older Adults. *Medicine and Science in Sports and Exercise*, **2017**, 49, 651	1.2	3
33	Exploring the opportunities for food and drink purchasing and consumption by teenagers during their journeys between home and school: a feasibility study using a novel method. *Public Health Nutrition*, **2016**, 19, 93-103	3.3	23
32	The use of a wearable camera to capture and categorise the environmental and social context of self-identified eating episodes. *Appetite*, **2015**, 92, 118-25	4.5	36
31	Is the Current Focus of the Global Physical Activity Recommendations for Youth Appropriate in All Settings?. *Journal of Physical Activity and Health*, **2015**, 12, 901-3	2.5	5
30	Wearable cameras can reduce dietary under-reporting: doubly labelled water validation of a camera-assisted 24□h recall. *British Journal of Nutrition*, **2015**, 113, 284-91	3.6	60
29	Protocol for a pilot randomised controlled trial of an intervention to increase the use of traffic light food labelling in UK shoppers (the FLICC trial). *Pilot and Feasibility Studies*, **2015**, 1, 21	1.9	3
28	Developing a Method to Test the Validity of 24 Hour Time Use Diaries Using Wearable Cameras: A Feasibility Pilot. *PLoS ONE*, **2015**, 10, e0142198	3.7	48
27	High group level validity but high random error of a self-report travel diary, as assessed by wearable cameras. *Journal of Transport and Health*, **2014**, 1, 190-201	3	28
26	LifeLogging: Personal Big Data. *Foundations and Trends in Information Retrieval*, **2014**, 8, 1-125	9.3	216

25	The uncertain representation ranking framework for concept-based video retrieval. *Information Retrieval*, **2013**, 16, 557-583	1.8	2
24	The smartphone as a platform for wearable cameras in health research. *American Journal of Preventive Medicine*, **2013**, 44, 308-13	6.1	45
23	Wearable Cameras: Identifying Healthy Transportation Choices. *IEEE Pervasive Computing*, **2013**, 12, 44-47	1.3	16
22	Wearable cameras in health: the state of the art and future possibilities. *American Journal of Preventive Medicine*, **2013**, 44, 320-3	6.1	129
21	An ethical framework for automated, wearable cameras in health behavior research. *American Journal of Preventive Medicine*, **2013**, 44, 314-9	6.1	157
20	Using the SenseCam to improve classifications of sedentary behavior in free-living settings. *American Journal of Preventive Medicine*, **2013**, 44, 290-6	6.1	129
19	Influencing health-related behaviour with wearable cameras **2013**,		5
18	Feasibility of a SenseCam-assisted 24-h recall to reduce under-reporting of energy intake. *European Journal of Clinical Nutrition*, **2013**, 67, 1095-9	5.2	54
17	Using SenseCam images to assess the environment **2013**,		4
16	Measuring time spent outdoors using a wearable camera and GPS **2013**,		8
15	Exploring the technical challenges of large-scale lifelogging **2013**,		4
14	Using the SenseCam as an objective tool for evaluating eating patterns **2013**,		5
13	Evaluating the feasibility of measuring travel to school using a wearable camera. *American Journal of Preventive Medicine*, **2012**, 43, 546-50	6.1	49
12	Automatically assisting human memory: a SenseCam browser. *Memory*, **2011**, 19, 785-95	1.8	72
11	Passively recognising human activities through lifelogging. *Computers in Human Behavior*, **2011**, 27, 1948-1958	1.7	100
10	Can we use digital life-log images to investigate active and sedentary travel behaviour? Results from a pilot study. *International Journal of Behavioral Nutrition and Physical Activity*, **2011**, 8, 44	8.4	85
9	Remote real-time monitoring of subsurface landfill gas migration. *Sensors*, **2011**, 11, 6603-28	3.8	13
8	Correlating multimodal physical sensor information with biological analysis in ultra endurance cycling. *Sensors*, **2010**, 10, 7216-35	3.8	2

7	Video shot boundary detection: Seven years of TRECVid activity. *Computer Vision and Image Understanding*, **2010**, 114, 411-418	4.3	172
6	Everyday concept detection in visual lifelogs: validation, relationships and trends. *Multimedia Tools and Applications*, **2010**, 49, 119-144	2.5	32
5	Keyframe detection in visual lifelogs **2008**,		6
4	Constructing a SenseCam visual diary as a media process. *Multimedia Systems*, **2008**, 14, 341-349	2.2	47
3	Reallocating time from device-measured sleep, sedentary behaviour or light physical activity to moderate-to-vigorous physical activity is associated with lower cardiovascular disease risk		1
2	Statistical machine learning of sleep and physical activity phenotypes from sensor data in 96,220 UK Biobank participants		2
1	Automated detection of sleep-boundary times using wrist-worn accelerometry		3