

# Michael Catt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7629353/publications.pdf>

Version: 2024-02-01

31  
papers

2,688  
citations

393982

19  
h-index

500791

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4770  
citing authors

#	ARTICLE	IF	CITATIONS
1	Movement as Medicine for Cardiovascular Disease Prevention: Pilot Feasibility Study of a Physical Activity Promotion Intervention for At-Risk Patients in Primary Care. <i>JMIR Cardio</i> , 2022, 6, e29035.	0.7	0
2	Curating a longitudinal research resource using linked primary care EHR data—a UK Biobank case study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 546-552.	2.2	6
3	Using Wearable Activity Trackers to Predict Type 2 Diabetes: Machine Learning-Based Cross-sectional Study of the UK Biobank Accelerometer Cohort. <i>JMIR Diabetes</i> , 2021, 6, e23364.	0.9	12
4	Exploration of Sleep as a Specific Risk Factor for Poor Metabolic and Mental Health: A UK Biobank Study of 84,404 Participants. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1903-1912.	1.4	17
5	Ubi-SleepNet. , 2021, 5, 1-33.		2
6	Analyzing walking speeds with ankle and wrist worn accelerometers in a cohort with myotonic dystrophy. <i>Disability and Rehabilitation</i> , 2019, 41, 2972-2978.	0.9	13
7	Objective sleep assessment in >80,000 UK mid-life adults: Associations with sociodemographic characteristics, physical activity and caffeine. <i>PLoS ONE</i> , 2019, 14, e0226220.	1.1	33
8	Simultaneous Electrochemical Detection of Glucose and Non-Esterified Fatty Acids (NEFAs) for Diabetes Management. <i>IEEE Sensors Journal</i> , 2018, 18, 9075-9080.	2.4	12
9	Accelerometer-derived physical activity in those with cardio-metabolic disease compared to healthy adults: a UK Biobank study of 52,556 participants. <i>Acta Diabetologica</i> , 2018, 55, 975-979.	1.2	33
10	Cognitive behavioural therapy with optional graded exercise therapy in patients with severe fatigue with myotonic dystrophy type 1: a multicentre, single-blind, randomised trial. <i>Lancet Neurology</i> , The, 2018, 17, 671-680.	4.9	95
11	Low physical activity, high television viewing and poor sleep duration cluster in overweight and obese adults; a cross-sectional study of 398,984 participants from the UK Biobank. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 57.	2.0	51
12	Measuring Habitual Physical Activity in Neuromuscular Disorders: A Systematic Review. <i>Journal of Neuromuscular Diseases</i> , 2017, 4, 25-52.	1.1	28
13	Electrochemical Detection of Plasma Immunoglobulin as a Biomarker for Alzheimer's Disease. <i>Sensors</i> , 2017, 17, 2464.	2.1	25
14	Toward a low-cost gait analysis system for clinical and free-living assessment. , 2016, 2016, 1874-1877.		9
15	Cross-sectional study of diet, physical activity, television viewing and sleep duration in 233,110 adults from the UK Biobank; the behavioural phenotype of cardiovascular disease and type 2 diabetes. <i>BMJ Open</i> , 2016, 6, e010038.	0.8	128
16	A comparison of subjective and objective measures of physical activity from the Newcastle 85+ study. <i>Age and Ageing</i> , 2015, 44, 691-694.	0.7	53
17	A Novel, Open Access Method to Assess Sleep Duration Using a Wrist-Worn Accelerometer. <i>PLoS ONE</i> , 2015, 10, e0142533.	1.1	432
18	Assessment of sleep and circadian rhythm disorders in the very old: the Newcastle 85+ Cohort Study. <i>Age and Ageing</i> , 2014, 43, 57-63.	0.7	42

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19	Electrochemical detection of non-esterified fatty acid by layer-by-layer assembled enzyme electrodes. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 535-541.	4.0	15
20	Reactive Oxygen Species Production and Mitochondrial Dysfunction in White Blood Cells Are Not Valid Biomarkers of Ageing in the Very Old. <i>PLoS ONE</i> , 2014, 9, e91005.	1.1	11
21	Dose-Response Effects of a Web-Based Physical Activity Program on Body Composition and Metabolic Health in Inactive Older Adults: Additional Analyses of a Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2014, 16, e265.	2.1	22
22	Effects of a Web-Based Intervention on Physical Activity and Metabolism in Older Adults: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2013, 15, e233.	2.1	130
23	Frailty and the role of inflammation, immunosenescence and cellular ageing in the very old: Cross-sectional findings from the Newcastle 85+ Study. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 456-466.	2.2	347
24	Assessment of a large panel of candidate biomarkers of ageing in the Newcastle 85+ study. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 496-502.	2.2	104
25	Validation of the GENEA Accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1085-1093.	0.2	471
26	Estimation of Daily Energy Expenditure in Pregnant and Non-Pregnant Women Using a Wrist-Worn Tri-Axial Accelerometer. <i>PLoS ONE</i> , 2011, 6, e22922.	1.1	205
27	Environmental and Lifestyle Factors Associated with Perceived Facial Age in Chinese Women. <i>PLoS ONE</i> , 2010, 5, e15270.	1.1	47
28	Behavioral Neurocardiac Training in Hypertension. <i>Hypertension</i> , 2010, 55, 1033-1039.	1.3	48
29	Why Some Women Look Young for Their Age. <i>PLoS ONE</i> , 2009, 4, e8021.	1.1	178
30	Changing course in ageing research: The Healthy Ageing Phenotype. <i>Maturitas</i> , 2009, 63, 13-19.	1.0	100
31	Ten commandments for the future of ageing research in the UK: a vision for action. <i>BMC Geriatrics</i> , 2007, 7, 10.	1.1	19